

## Team 31

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# Εργαστηριακή Άσκηση 2. Μη επιβλεπόμενη μάθηση.

## Σύστημα συστάσεων βασισμένο στο περιεχόμενο

## Σημασιολογική απεικόνιση δεδομένων με χρήση SOM

```
In [ ]: !pip install --upgrade pip
!pip install --upgrade numpy
!pip install --upgrade pandas
!pip install --upgrade nltk
!pip install --upgrade scikit-learn
!pip install --upgrade joblib
```

## Εισαγωγή του Dataset

```
In [38]: import pandas as pd

dataset_url = "https://drive.google.com/uc?export=download&id=1-tN5rC1QCgwqL67cvIXdMbtd-Xf9Xqow"
df_data_1 = pd.read_csv(dataset_url, sep = '\t', header = None, quoting = 3)
```

```
In [71]: import numpy as np

## Στην επόμενη γραμμή βάλετε τον αριθμό της ομάδας στο εργαστήριο των νευρωνικών
team_seed_number = 31

movie_seeds_url = "https://drive.google.com/uc?export=download&id=1-oeMf7BFmiH70X0bgC9W0To-a9cDJZwP"
df_data_2 = pd.read_csv(movie_seeds_url, header = None)

## επιλέγεται
my_index = df_data_2.iloc[team_seed_number, :].values

titles = df_data_1.iloc[:, [2]].values[my_index] ## movie titles (string)
categories = df_data_1.iloc[:, [3]].values[my_index] ## movie categories (string)
bins = df_data_1.iloc[:, [4]]
catbins = bins[4].str.split(',', expand = True).values.astype(float)[my_index] ## movie categories in binary form (1 fea
summaries = df_data_1.iloc[:, [5]].values[my_index] ## movie summaries (string)
corpus = summaries[:, 0].tolist() ## list form of summaries
corpus_df = pd.DataFrame(corpus) ## dataframe version of corpus
```

Θα μετατρέψουμε το dataframe των categories σε λίστα, ώστε να επεξεργαστούμε τα strings και να μας διευκολύνει στην εκτύπωση.

```
In [75]: categories = categories[:, 0].tolist() ## convert to list for ease of use
categories = [c.replace(' ', '').replace("'", '').split(',') for c in categories]
```

Αποθηκεύουμε τα δεδομένα σε σειριοποιημένη μορφή χρησιμοποιώντας την βιβλιοθήκη pickle. Τα παρακάτω χρησιμεύουν σε περίπτωση που θέλουμε να τρέξουμε το notebook ξανά από την αρχή.

```
In [ ]: import pickle
```

```
In [ ]: dbfile = open("corpus_pickle.pkl", "wb")
pickle.dump(corpus, dbfile)
dbfile.close()
```

```
In [ ]: dbfile = open("catbins_pickle.pkl", "wb")
pickle.dump(catbins, dbfile)
dbfile.close()
```

```
In [205... dbfile = open("/content/drive/My Drive/Colab Notebooks/NN/pp_doc.pkl", "rb")
preprocessedDocuments = pickle.load(dbfile)
```

[illegible]

Junior detective Gray discovers that the eccentric criminologist Professor Leroy is both a crook and a murderer.

## Εφαρμογή 1. Υλοποίηση συστήματος συστάσεων ταινιών βασισμένο στο περιεχόμενο



### Ενδεικτικές περιγραφές:

```
In [ ]: import random

        for _ in range(10):
            print(random.choice(corpus))
```

["Bhai is a notorious mafia don in Hyderabad who masks his true nature by doing some good deeds for society. Pandu is his right hand. Ajay is Pandu's son. Ajay is a studious guy who wants to become an IAS officer. He clears the civils examination too. Hussain is a cop whose mission is to eliminate the mafia gangs in Hyderabad. Though son and father share a caring personal relationship, Ajay and Pandu fall out due to the latter's association with Bhai. The rest of the story is all about how the system forces Ajay to tread the wrong path in order to avenge the death of his father, and to eliminate Bhai and his mafia network."]

['An equine farmer discovers dead bodies and is killed by one of the assailants himself. Meanwhile, attackers use special explosives to break into an NSA bunker beneath the equine farm. There, NSA Agent Augustus Gibbons fends off the attackers before barely escaping himself. Lieutenant Alabama "Bama" Cobb is later revealed to be responsible for the attack on the bunker. After escaping the attack, Gibbons tells his assistant, Agent Toby Shavers, that the new XXX must be more of the grid than Xander Cage was, in other words, more attitude. So he meets up with Lieutenant Darius Stone who was jailed for 20 years whilst serving in the navy for disobeying orders and breaking General George Deckert's jaw. Later, Gibbons poses as Stone's lawyer and makes a deal with him in prison. Stone, who had been in prison at Leavenworth for assaulting Deckert, makes a daring escape. Stone is later told to recover a hard drive from the NSA bunker, while trying to escape Agent Kyle Steele at the same time, and is rescued by Shavers. Some time later, Gibbons appears to be attacked in his home and murdered, with Deckert covering up the plot. Afterwards, Stone meets up with Gibbons' contact, a beautiful blonde named Charlie Mayweather, to get information and go to her safe house, but is framed so that it will appear that he murdered 3-Star General Jack Pettibone, whom Cobb and Charlie actually killed. The police arrive, and Steele enters the house and makes a deal with Stone, while Shavers later hacks into the NSA to retrieve Deckert's plans. Afterwards, Stone infiltrates Deckert's troops aboard the USS Independence and discovers Gibbons is not dead, but being held prisoner by Deckert. Apparently Deckert is setting them up. Stone is discovered by Charlie. Gibbons orders him to escape and leave him. After retrieving the blueprints of Deckert's plot, Stone gets into an M-2 Bradley Armored Fighting vehicle and fights his way out of the ship, destroying a tank commandeered by Cobb's men to kill him. He briefly converses with the lieutenant and realizes that Deckert is planning a coup. Stone makes contact with Steele and shows him the plans; stating his view that Deckert is plotting to attack the Capitol. Steele counters Stone by insisting that Deckert is guarding the Capitol, not invading it. Stone insists this is a cover, then leaves in frustration with Steele's disbelief. During a conversation with Deckert, Steele realizes Stone was right, because Deckert lets it slip that he knows that Gibbons is still alive. He finds Stone and tells him Deckert wants to kill the president and his successors so that he can take his place. Steele suggests they go off the grid. Stone, Steele, and Shavers enlist the aid of his former gang leader, Zeke, and his crew to fight Deckert's force. Together they rob an 18 wheeler, secretly hauling guns and equipment under the guise of a cheese truck. On the night of Deckert's plan, they make their move, driving through the backs of buildings and warehouses. They end up carjacking a tank, and Stone helps Steele infiltrate the Capitol building. After some gunfights, Deckert, with Cobb, abducts the President while he is making the State of the Union Address. They escape on a bullet train. Stone pursues the bullet train by car and makes it aboard; destroying the car in the process. He engages Cobb in hand-to-hand combat and finally kills him by causing an explosion. Stone fights Deckert while helping the president escape in an adjacent helicopter. Stone leaps from the fleeing train while Gibbons destroys it with a missile, obliterating Deckert. The flaming wreckage from the train lights Stone in a silhouette as he dives into the river below, narrowly avoiding the wreckage that plunges in after him. The President awards Agent Steele and the Unknown Soldier the Medal of Honor, as Stone goes back to his thug-esque lifestyle. Deckert receives full honors at his funeral, somewhat to Stone's disgust. He and Lola part with her, leaving him the Mustang, and he drives off; the XXX tattoo can be seen on the back of his neck. In the now rebuilt NSA Headquarters, Gibbons, Steele and Shavers discuss what kind of person the next XXX agent should be; farther off the grid, a fresh face, a new model. Gibbons says that he has the perfect candidate.']

['A robot with human like features finds himself in a fast labyrinth full of traps. As it tries to escape, it must face emotional and psychological challenges.']

['Penavong, Vann Vannak, a student of Ta Esei, is sent on a mission to capture the giant when he meets the beautiful Sovann Pancha, Vichara Dany. As soon as Penavong and Sovann Pancha meet, they contend in a battle. Penavong makes a promise with Sovann Pancha for if she loses in the battle she is to help him defeat the giant. After several days on the mission, the two interact with each other; and eventually, they fall in love.']

['The story involves preppy pre-freshman Tom Lawrence ([[Chris Young who visits Port Chester University, a college where fraternities have been outlawed and political correctness is rampant on campus. During his visit, Tom manages to make enemies with nearly every group of students on the campus. Getting caught in an infamous "meat tossing incident" angers the "cause-heads", and while taking a short cut through the computer lab, he trips over the power cords and accidentally crashes all the computers, angering all the people working on their thesis papers. During his visit, Tom also gets in the middle of the war between "The Pit" and "Balls and Shaft", two rival groups on campus. The latter group is a parody of the Skull and Bones secret society and conservative fraternities in general. Among its members is Rand McPherson, who, with the other Balls and Shaft members, want the outlawed Greek system to return. Meanwhile, members of "The Pit" (a party-frat which split from Balls and Shaft years ago, currently led by James "Droz" Andrews and living in the dilapidated former Balls and Shaft frat house just want everyone to get along. The movie is in part about the battle between Droz and Rand. Besides Balls and Shaft, the other great nemeses of The Pit are a radical feminist group on campus known as the Womynists, and the college president, Ms. Garcia-Thompson, who is obsessed with enforcing "sensitivity awareness" and multiculturalism to the point where she proposes that Bisexual Asian Studies should have its own building. The Womynists' entire world view revolves around a paranoia about rape culture and all things phallic, and they are known to hold protests at parties chanting "hey hey, ho ho, this penis party's got to go!" Ms. Garcia-Thompson conspires with Balls and Shaft to get The Pit, their mutual nemesis, kicked off campus, giving Rand control of the house. The Pit responds by throwing a party to raise funds to pay off their debts and keep their house. The Womynists take offense to The Pit's flyers advertising the party, and hold a protest outside. The party at first appears to be a failure. However, a series of unlikely events results in George Clinton and Parliament-Funkadelic performing at the party. Students begin streaming in and the party successfully raises the funds to keep the house. After Garcia-Thompson decides to throw The Pit off campus anyway, using the history of complaints against The Pit as her reason, the members of The Pit plot their ultimate revenge at an alumni gathering the next day. They succeed in provoking the other students into an impromptu protest, causing the Board of Trustees to fire Garcia-Thompson due to her inability to control the student body. The film ends showing Tom heading home, having decided to commit to going to PCU. As he sits on the bus, he sees Rand, who after unwittingly insulting the entire student body over the sound system of the event, is now in Tom's position at the beginning of the film being chased by the students across campus.']

["The government develops genetically modified marijuana as part of the War on Drugs, and Norbert the Nark accidentally gives the prototype to the Fabulous Furry Freak Brothers. With the government on their trail, Phineas Freakears, Freewheelin' Franklin, and Fat Freddy are forced to leave town, acquiring a remote plot of land in order to fulfill their dream of retiring to grow marijuana in the country. Three women join the Freak Brothers' commune, but because gender politics have changed since the 1970s, they do not see eye to eye with the Brothers' free love philosophy.<ref name =first |authorlink |editor1-first |editor1-linkFebruary 14, 2006 |year |title |journal |series |page |at |location |pmid |doi |oclc |

url |format |laysummary |laydate |ref }}"]

['Karthik is a teacher by profession and falls in love with a medico Kavya . Kavya's father Colonel Lakshmipati is a retired army officer living in a farmhouse in the village, with his brothers and family. Kavya loses her mother at young age, so her father has never refused her wishes. When she musters courage to tell her father about her love, Karthik comes to her home all of a sudden. He tells Lakshmipati that he is in love with his daughter. Lakshmipati is dead set against the marriage and doesn't want this stout guy for a son-in-law. Lakshmipati's friend Bhaskaram further complicates Krishnudu's prospects with some silly ideas. Rest of the drama is how Krishnudu wins the heart of Lakshmipati.']

['Jacob Singer is a U.S. soldier deployed in the Mekong Delta during the Vietnam War. When the story begins, in 1971, helicopters are passing overhead, carrying supplies for what seems to be preparations for a Viet Cong offensive. Without a warning, Jacob's unit comes under heavy fire. The soldiers try to take cover but begin to exhibit strange behavior for no apparent reason. Jacob attempts to escape the unexplained insanity, only to be stabbed with a bayonet by an unseen attacker. The film then shifts back and forth from Vietnam to Jacob's memories of his son Gabe and ex-wife Sarah, and to his present relationship with a woman named Jezzie while working as a mailman in Brooklyn, New York City. During this latter period, Jacob faces several threats to his life and experiences grotesque hallucinations. It is also revealed that his son Gabe was hit by a car and killed before Jacob went to Vietnam. At a key moment, Jacob's friend and chiropractor, Louis, cites the 14th century Christian mystic Meister Eckhart: As the hallucinations become increasingly bizarre, Paul, one of his old Army friends, contacts Jacob to tell him about his hallucinations and is later killed when his car explodes. At the funeral, his surviving platoon-mates confess to Jacob they too have been seeing horrible hallucinations. Jacob is then approached by a man named Michael Newman, who claims to have been a chemist working with the Army's chemical warfare division in Saigon, where he worked on creating a drug that would increase aggression. The drug was code named "The Ladder" because it took people straight to their most primal urges. The drug was first tested on monkeys and then on a group of enemy POWs, with gruesome results. Later, small doses of "The Ladder" were secretly given to Jacob's battalion via their C-rations. Instead of targeting the enemy, however, the men in Jacob's unit attacked each other indiscriminately. This revelation insinuates that Jacob was stabbed by one of his fellow soldiers. The last scenes have Jacob returning to the apartment building he once lived in with Sarah. He enters and begins looking through an old shoe box, containing his memories and the pain he's been clinging to, things like his dog tags and a picture of Gabe. Jacob then is surprised to see Gabe at the foot of the stairwell. Gabe takes Jacob by the hand and together the two of them ascend the stairwell and disappear into a bright light. At the dénouement, we learn Jacob never made it out of Vietnam; his body is shown in an Army triage tent with two surgeons just after he expired, with a now peaceful look on his face. Apparently, the entire series of events was his dying hallucination. Before the film credits, an on-screen title card states that reports of BZ testing by the U.S. Army on its soldiers during the Vietnam War were denied by the Pentagon. {{clean up|section|use references|dateaJfL49nuKFMC&pgPA202&dqbl&otsTQytVnWxAhB13GevpPDN-EHBxgQ&hlX&ei0CFQ06AEwBg#v%22Wizard%20Postponed%22%20borges&f"The Ladder"st/>']

['The gang play baseball until they are run off from the lot. They then get quarantined in a neighbor's house for a week and wreak the usual havoc.']

['The film is set in Sicily in 1940 during World War II just as Italy enters the war. Malena's husband, Nino Scordia, who left to join the military is presumed dead. Malena tries to cope with her loss, as the town she has moved to tries to deal with this beautiful woman who gets the attention of all the local men, including the 12-year-old Renato. However, in spite of the gossip, she continues to be faithful to her husband. Renato becomes obsessed with Malena and starts fantasizing about her. Renato continues to watch as she suffers from grief. Malena is shunned by the townspeople who begin to believe the worst about her, simply because of her beauty. She visits her father, an almost deaf professor of Latin, regularly and helps him with his chores. When a slanderous letter reaches his hands, their relationship suffers a catastrophic blow. In the meanwhile, the war worsens. The village is bombed and Malena's father is killed. The wife of the local dentist takes Malena to court, accusing her of having an affair with her husband, but Malena is acquitted. Court is told that Malena is being harassed for being beautiful as other ladies feel insecure and threatened by her. The only man Malena does have an innocent romance with, an army officer, is sent away. After her acquittal, Malena's lawyer Centorbi, using her unpaid legal fee as leverage, forces himself upon her while Renato peeps in from outside her house. Malena's poverty finally forces her to become a prostitute. When the German army comes to town, Malena gives herself to Germans as well. Renato sees her in the company of two German officers and faints. His mother and the older ladies think that he has been possessed and take him to church for an exorcism. His father however takes him to a brothel; Renato has sex with one of the prostitutes while fantasizing that she is Malena. When the war ends, the women gather and publicly beat and humiliate Malena, who leaves for Messina. A few days later, Nino Scordia, Malena's husband, returns looking for her, to the shock of all the residents. He finds his house occupied by people displaced by the war. Renato tells him through an anonymous letter about Malena's whereabouts and the fact that she always loved only him and all the rumors about her cheating were not true. Nino goes to Messina to find her. A year later, they return. The villagers, especially the women, astonished at her courage, begin to talk to "Signora Scordia" with respect. Though still beautiful, they think of her as no threat, claiming that she has wrinkles near her eyes and has put on some weight. In the last scene near the beach, Renato helps her pick up some oranges that had dropped from her shopping bag. Afterwards he wishes her "Buona fortuna, Signora Malena" and rides off on his bicycle, looking back at her for a final time, as she walks away. This is the first and only time they speak to each other in the movie. As this final scene fades out, an adult Renato's voice-over reflects that he has not forgotten Malena, even after the passage of so many years. He says, according to the English subtitle s, "Of all the girls who asked me to remember them, the only one I remembered is the one who did not ask, Malena."']

## Βιβλιοθήκες προεπεξεργασίας

```
In [ ]: import nltk
import re
import string

nltk.download("stopwords")
nltk.download("punkt") ## for tokenizer
nltk.download("wordnet") ## for suffix/prefix removal
nltk.download("rslp")

from nltk.corpus import stopwords
from nltk.stem.porter import PorterStemmer
## from nltk.stem import WordNetLemmatizer

porterStemmer = PorterStemmer()
```

```
## print(stopwords.words("english"))
```

```
In [ ]: def removePunct(s):
        return re.sub(r"[^a-zA-Z0-9]+", '', s)

def textPreprocessing(s, stemming = True):
    ## switch to lower case
    res = s.lower()

    ## tokenize
    res = nltk.word_tokenize(res)

    ## remove "stop words"
    additionalWords = ["film", "movie", "though", "although", "however", "even", "ever", "every"]
    ## perhaps after Lemmatization
    res = [w for w in res if w not in stopwords.words('english') + list(string.punctuation) + additionalWords]

    ## remove leftover artifacts (non-letter symbols)
    res = [removePunct(w) for w in res if removePunct(w) != '']
    ## regex means "1 or more characters that are not in the range a-zA-Z"
    ## sometimes it returns empty string because only symbols are left from the initial word

    ## stemming
    if(stemming):
        res = [porterStemmer.stem(w) for w in res]

    ## remove short words
    res = [w for w in res if len(w) > 3]

    return ' '.join(res)
```

Για την προεπεξεργασία των περιγραφών κάναμε τις εξής επιλογές:

- Προσθήκη ορισμένων stop words ειδικών ως προς τα συγκεκριμένα δεδομένα (film, movie)
- Προσθήκη διαζευκτικών λέξεων - stop words που δεν εμπεριέχονται στο έτοιμο σύνολο.
- Αφαίρεση με regex όλων των χαρακτήρων εκτός γραμμάτων και αριθμών. Οι αριθμοί διατηρήθηκαν ώστε περιγραφές που περιέχουν ίδιες χρονολογίες (όπως 1940) να μπορούν να συσχετισθούν.
- Εφαρμογή stemming, η οποία παρατηρήθηκε ότι μειώνει την διαστατικότητα περισσότερο από το lemmatization.
- Στην συνέχεια αφαίρεση όλων των λέξεων μήκους 3 και λιγότερο. Αρχικά είχαμε θέσει τα 2 γράμματα ως όριο, όμως παρατηρήθηκε ότι με αφαίρεση των λέξεων μήκους 3 παράγονταν σημαντικά καλύτερες προτάσεις.

```
In [ ]: test = corpus[618]
print(test)
print(textPreprocessing(test))
```

The film begins with a stand-alone 17-minute supporting feature entitled *The Crimson Permanent Assurance*. A group of elderly office clerks in a small accounting firm rebel against their emotionlessly efficient, yuppie corporate masters. They commandeer their building, turn it into a pirate ship, and sail into a large financial districts, where they raid and overthrow a large multinational corporation. The film proper consists of a series of distinct sketches, broken into seven chapters.

Part I - *The Miracle Of Birth* \* A woman in labour is taken into a hospital delivery room, where she is largely ignored by doctors and nurses, who are more concerned with using the hospital's most expensive equipment to impress the hospital's administrator. \* In Yorkshire, a Roman Catholic man with impossibly many children loses his job, leaving him with no way to feed his children. They discuss the church's opposition to the use of contraception, leading into the musical number "Every Sperm Is Sacred". Watching this unfold, a Protestant man proudly lectures his wife on their church's tolerance towards having intercourse for fun, although his frustrated wife points out that they never do.

Part II - *Growth and Learning* \* A school master and chaplain conduct a non-sensical Anglican church service in an English public school. The master lectures the boys on excessively detailed school etiquette regarding the school cormorant, and hanging clothes on the correct peg. In a subsequent class, the schoolboys watch in boredom as the master gives a sex education lesson, by physically demonstrating techniques with his wife. Later, a team of boys is beaten - physically and on the scoreboard - in a violent rugby match against the masters.

Part III - *Fighting Each Other* \* A World War I officer attempts to rally his men to find cover during an attack, but is hindered by their insistence on celebrating his birthday, complete with presents and cake. \* A blustery army RSM attempts to drill a platoon of men, but ends up left alone when he dismisses each to pursue leisure activities. \* In 1879, during the Anglo-Zulu War in Natal, a devastating attack by Zulus is dismissed in lieu of a far more pressing matter: one of the officers has had his leg bitten off during the night. The military doctor hypothesises that, despite not being native to Africa, a tiger might be the perpetrator. A hunting party is formed, which encounters two suspicious men dressed in two halves of a tiger suit, who attempt to assert their innocence through a succession of increasingly feeble excuses as to why they are dressed as a tiger.

The Middle of the Film \* A woman, as if on a talk-show called "The Middle of the Film" introduces a segment called "Find The Fish" - a brief surreal piece in which a drag queen, a gangly playboy, and an elephant-headed butler eerily challenge the audience to find a fish in the scene.

Part IV - *Middle Age* \* A middle-aged American couple heads to a dungeon-themed Hawaiian restaurant at a holiday resort. They are presented with a menu of conversation topics by the waiter, and choose philosophy and the meaning of life. Their awkward and generally uninformed conversation quickly grinds to a halt, and they send it back, complaining "this conversation isn't very good."

Part V - *Live Organ Transplants* \* Two paramedics arrive at the doorstep of Mr Brown, a card-carrying organ donor, to claim his liver, gruesomely operating on him against his will. Cleese's paramedic unsuccessfully attempts to chat up Mrs Brown, then requests her liver as well. She initially declines, but after a man sings a song about man's insignificance in the universe, she agrees. \* In a large corporate boardroom, a businessman straight-forwardly summarises his two-part report on the meaning of life: that the human soul must be "brought into existence by a process of guided self-observation", which rarely happens; and that "people aren't wearing enough hats." This is followed by an attempted takeover of the building by the *Crimson Permanent Assurance* from the short feature.

Part VI - *The Autumn Years* \* A posh restaurant, complete with a pianist, is visited by Mr. Creosote, an impossibly fat man in his autumn years. He swears at the unflappable maître d', projectile vomits copiously, and orders and finishes an enormous meal and a huge quantity of beer and wine - to the disgust of other patrons. After finishing, the maître d' offers him a small after-dinner mint, before running and hiding to watch Creosote explode, showering the restaurant with human entrails and vomit. Afterwards, two of the restaurant's staff offer their own thoughts on the meaning of life.

Part VII - *Death* \* A condemned man is allowed to choose the manner of his execution: being chased off the edge of a cliff by a horde of topless women. \* The Grim Reaper visits an isolated country house, and finds himself invited into a dinner party. Not knowing who he is, the dinner guests spend a lot of time arguing with him before finally being persuaded to shuffle off their mortal coils. \* The dinner guests arrive in Heaven, a bright Las Vegas-style hotel where every day is Christmas. In a large auditorium filled with characters from throughout the movie, a cheesy Tony Bennett-like lounge singer performs the song "Christmas in Heaven".

The End of the Film \* The hostess from "the Middle of the Film" is handed an envelope containing the meaning of life, and nonchalantly reads it out: "Try and be nice to people, avoid eating fat, read a good book every now and then, get some walking in, and try and live together in peace and harmony with people of all creeds and nations."

begins standalone 17-minute supporting feature entitled *crimson permanent assurance* group elderly office clerks small accounting firm rebel emotionlessly efficient yuppie corporate masters commandeer building turn pirate ship sail large financial districts raid overthrow large multinational corporation proper consists series distinct sketches broken seven chapters part miracle birth woman labour taken hospital delivery room largely ignored doctors nurses concerned using hospital expensive equipment impress hospital administrator yorkshire roman catholic impossibly many children loses leaving fed children discuss church opposition contraception leading musical number sperm sacred watching unfold protestant proudly lectures wife church tolerance towards intercourse frustrated wife points never part growth learning school master chaplain conduct nonsensical anglican church service english public school master lectures boys excessively detailed school etiquette regarding school cormorant hanging clothes correct subsequent class schoolboys watch boredom master gives education lesson physically demonstrating techniques wife later team boys beaten physically scoreboard violent rugby match masters part fighting world officer attempts rally find cover attack hindered insistence celebrating birthday complete presents cake blustery army attempts drill platoon ends left alone dismisses pursue leisure activities 1879 anglozulu natal devastating attack zulus dismissed lieu pressing matter officers bitten night military doctor hypothesises despite native africa tiger might perpetrator hunting party formed encounters suspicious dressed halves tiger suit attempt assert innocence succession increasingly feeble excuses dressed tiger middle woman talkshow called middle introduces segment called find fish brief surreal piece drag queen gangly playboy elephantheaded butler eerily challenge audience find fish scene part middle middleaged american couple heads dungeonthemed hawaiian restaurant holiday resort presented menu conversation topics waiter choose philosophy meaning life awkward generally uninformed conversation quickly grinds halt send back complaining conversation good part live organ transplants paramedics arrive doorstep brown cardcarrying organ donor claim liver gruesomely operating cleese paramedic unsuccessfully attempts chat brown requests liver well initially declines sings song insignificance universe agrees large corporate boardroom businessman straightforwardly summarises twopart report meaning life human soul must brought existence process guided selfobservation rarely happens people wearing enough hats followed attempted takeover building crimson permanent assurance short feature part autumn years posh restaurant complete pianist visited creosote impossibly autumn years swears unflappable matre projectile vomits copiously orders finishes enormous meal huge quantity beer wine disgust patrons finishing matre offers small afterdinner mint running hiding watch creosote explode showering restaurant human entrails vomit afterwards restaurant staff offer thoughts meaning life part death condemned allowed choose manner execution chased edge cliff horde topless women grim reaper visits isolated country house finds invited dinner party knowing dinner guests spend time arguing finally persuaded shuffle mortal coils dinner guests arrive heaven bright vegasstyle hotel christmas large auditorium filled characters throughout cheesy tony bennettlike lounge singer performs song christmas heaven hostess middle handed envelope containing meaning life nonchalantly reads nice people avoid eating read good book walking live together peace harmony people creeds nations

```
In [ ]: preprocessedDocuments = [textPreprocessing(s) for s in corpus]
      ## dbfile = open("pp_doc.pkl", "wb")
      ## pickle.dump(preprocessedDocuments, dbfile)
      ## dbfile.close()
```

```
In [ ]: dbfile = open("pp_doc.pkl", "rb")
preprocessedDocuments = pickle.load(dbfile)
```

## Μετατροπή σε TFIDF

```
In [206... from sklearn.feature_extraction.text import TfidfVectorizer
# create sparse tf-idf representation
vectorizer = TfidfVectorizer()
plainTfidfMatrix = vectorizer.fit_transform(corpus).toarray()
```

```
In [ ]: print(plainTfidfMatrix.shape)

(5000, 48375)
```

```
In [207... vectorizer = TfidfVectorizer()
preprocessedTfidfMatrix = vectorizer.fit_transform(preprocessedDocuments).toarray()
```

```
In [ ]: print(preprocessedTfidfMatrix.shape)

(5000, 36565)
```

## Υλοποίηση του συστήματος συστάσεων

```
In [208... import scipy as sp

def titleInfo(titleID):
    res = f"Title: {titles[titleID][0]} (ID {titleID})\n"
    res += f"Summary:\n{corpus[titleID]}\n"
    res += f"Categories: {' '.join(categories[titleID])}"

    return res

# Χρησιμοποιείται προαιρετικά για να μας τυπώσει τις κοινές λέξεις δύο κειμένων. Θα μας χρησιμεύσει στο nit-picking.
def getCommonWords(body, id1, id2):
    return f"Common words: {set([w for w in body[id1].split() if w in body[id2].split()])}"

def contentRecommender(targetMovie = 618, maxRecommendations = 5, corpusType = plainTfidfMatrix, commonWords = None):
    cosDistances = []
    for i in range(4999):
        cosDistances.append((sp.spatial.distance.cosine(corpusType[targetMovie], corpusType[i]), i))

    cosDistances.sort(key = lambda x : x[0])

    ## each member of cosDistances is a tuple (dist, titleID)
    print("\U0001f514 RECOMMENDATIONS FOR \U0001f514")
    print(titleInfo(targetMovie))
    for index, rec in enumerate(cosDistances[1 : maxRecommendations + 1], start = 1):
        print("\U0001f384" * 40)
        print(f"#{index}")
        print(titleInfo(rec[1]))
        print("Similarity: {:.3f}".format(1 - rec[0]))
        if (commonWords is not None):
            print(getCommonWords(commonWords, targetMovie, rec[1]))
```

Στην βιβλιοθήκη `scipy` η απόσταση συννημιτόνου ορίζεται ως  $1 - \cos\theta$ , οπότε χαμηλή τιμή απόστασης σημαίνει στενή συσχέτιση. <https://docs.scipy.org/doc/scipy/reference/generated/scipy.spatial.distance.cosine.html>

Παρακάτω θα τυπώνουμε την τιμή  $1 - \text{distance}$ , δηλαδή την *similarity*.

Παράδειγμα χρήσης της μεθόδου `contentRecommender`:

```
In [ ]: contentRecommender(targetMovie = 618)
```



## 🔔 RECOMMENDATIONS FOR 🔔

Title: Monty Python's The Meaning of Life (ID 618)

### Summary:

The film begins with a stand-alone 17-minute supporting feature entitled The Crimson Permanent Assurance . A group of elderly office clerks in a small accounting firm rebel against their emotionlessly efficient, yuppie corporate masters. They commandeer their building, turn it into a pirate ship, and sail into a large financial districts, where they raid and overthrow a large multinational corporation. The film proper consists of a series of distinct sketches, broken into seven chapters. ;Part I - The Miracle Of Birth \* A woman in labour is taken into a hospital delivery room, where she is largely ignored by doctors and nurses, who are more concerned with using the hospital's most expensive equipment to impress the hospital's administrator . \* In Yorkshire, a Roman Catholic man with impossibly many children loses his job, leaving him with no way to feed his children. They discuss the church's opposition to the use of contraception, leading into the musical number "Every Sperm Is Sacred". Watching this unfold, a Protestant man proudly lectures his wife on their church's tolerance towards having intercourse for fun, although his frustrated wife points out that they never do. ;Part II - Growth and Learning \*A school master and chaplain conduct a non-sensical Anglican church service in an English public school. The master lectures the boys on excessively detailed school etiquette regarding the school cormorant, and hanging clothes on the correct peg. In a subsequent class, the schoolboys watch in boredom as the master gives a sex education lesson, by physically demonstrating techniques with his wife . Later, a team of boys is beaten - physically and on the scoreboard - in a violent rugby match against the masters. ;Part III - Fighting Each Other \* A World War I officer attempts to rally his men to find cover during an attack, but is hindered by their insistence on celebrating his birthday, complete with presents and cake. \* A blustery army RSM attempts to drill a platoon of men, but ends up left alone when he dismisses each to pursue leisure activities. \* In 1879, during the Anglo-Zulu War in Natal, a devastating attack by Zulus is dismissed in lieu of a far more pressing matter: one of the officers has had his leg bitten off during the night. The military doctor hypothesises that, despite not being native to Africa, a tiger might be the perpetrator. A hunting party is formed, which encounters two suspicious men dressed in two halves of a tiger suit, who attempt to assert their innocence through a succession of increasingly feeble excuses as to why they are dressed as a tiger. ;The Middle of the Film \* A woman , as if on a talk-show called "The Middle of the Film" introduces a segment called "Find The Fish" - a brief surreal piece in which a drag queen , a gangly playboy , and an elephant-headed butler eerily challenge the audience to find a fish in the scene. ;Part IV - Middle Age \* A middle-aged American couple heads to a dungeon-themed Hawaiian restaurant at a holiday resort. They are presented with a menu of conversation topics by the waiter , and choose philosophy and the meaning of life. Their awkward and generally uninformed conversation quickly grinds to a halt, and they send it back, complaining "this conversation isn't very good." ;Part V - Live Organ Transplants \* Two paramedics arrive at the doorstep of Mr Brown, a card-carrying organ donor , to claim his liver, gruesomely operating on him against his will. Cleese's paramedic unsuccessfully attempts to chat up Mrs Brown, then requests her liver as well. She initially declines, but after a man sings a song about man's insignificance in the universe , she agrees. \*In a large corporate boardroom, a businessman straight-forwardly summarises his two-part report on the meaning of life: that the human soul must be "brought into existence by a process of guided self-observation", which rarely happens; and that "people aren't wearing enough hats." This is followed by an attempted takeover of the building by the Crimson Permanent Assurance from the short feature. ;Part VI - The Autumn Years \* A posh restaurant, complete with a pianist , is visited by Mr. Creosote , an impossibly fat man in his autumn years. He swears at the unflappable maître d' , projectile vomits copiously, and orders and finishes an enormous meal and a huge quantity of beer and wine - to the disgust of other patrons. After finishing, the maître d' offers him a small after-dinner mint, before running and hiding to watch Creosote explode, showering the restaurant with human entrails and vomit. Afterwards, two of the restaurant's staff offer their own thoughts on the meaning of life. ;Part VII - Death \*A condemned man is allowed to choose the manner of his execution: being chased off the edge of a cliff by a horde of topless women. \*The Grim Reaper visits an isolated country house, and finds himself invited into a dinner party. Not knowing who he is, the dinner guests spend a lot of time arguing with him before finally being persuaded to shuffle off their mortal coils. \*The dinner guests arrive in Heaven, a bright Las Vegas-style hotel where every day is Christmas. In a large auditorium filled with characters from throughout the movie, a cheesy Tony Bennett-like lounge singer performs the song "Christmas in Heaven". ;The End of the Film \*The hostess from "The Middle of the Film" is handed an envelope containing the meaning of life, and nonchalantly reads it out: :Try and be nice to people, a void eating fat, read a good book every now and then, get some walking in, and try and live together in peace and harmony with people of all creeds and nations.

Categories: "Cult", "Parody", "Satire", "Comedy", "Black comedy"



#1

Title: The Animatrix (ID 825)

### Summary:

The plot-summaries of the shorts are listed below in the order that they run in the DVD release, which is not the chronological order. Chronologically, the order would be: \*The Second Renaissance - a prequel set generations before the original film, The Matrix, relating how humans built artificially intelligent Machines, the apocalyptic war between the two, ending with the Machines enslaving the human race and the initial creation of The Matrix virtual reality. \*A Detective Story - a stand-alone story in which the character Trinity appears, but independently of any other characters. Because Trinity is present it takes place at least within several years of the films, and though it is not made clear within the cartoon if it takes place before or after Trinity met Neo in the original film, another official source places it before the events of The Matrix.Matrix Universe poster, included in Enter the Matrix: Official Strategy Guide, Bradygames, 2003. \*Kid's Story - set during the six month gap between the events of the first and second films, after Neo joins the crew of the Nebuchadnezzar in freeing other humans from the Matrix. Its events are briefly alluded to in dialogue at the beginning of The Matrix Reloaded. \*Final Flight of the Osiris - takes place directly before The Matrix Reloaded, as the hovercraft Osiris stumbles upon the Sentinel army digging to Zion. At the beginning of The Matrix Reloaded, Niobe mentions that their reconnaissance photos of the Machine army were transmitted from the Osiris. The other four shorts are independent of the events of any other installment. While they generically deal with the virtual reality of the Matrix, and the Zion rebels, conceivably they could take place at any point in the generations-long struggle between the human rebels and the Machines running the Matrix. Like the Matrix trilogy, the entire movie except The Final Flight of the Osiris was rated R by the MPAA mainly for its Sci-Fi violence. When it was released on DVD, it was unrated. The Second Renaissance is a two-part film written and directed by Mahiro Maeda. He used Bits and Pieces of Information written by the Wachowskis as a prequel to the series as a base for the first part. With increasing numbers of people released from all labor, the human population has become lazy, arrogant, and corrupt. Despite this, the machines were content with serving humanity and, as the narrator states, "for a time, it [the status quo] was good". This phrase is a reference to one of the most famous phrases of Genesis, consistent with the Biblical references seen throughout the original Matrix films, and is one of numerous references to Genesis in particular present in "Second Renaissance". The relationship between humans and machines changes in the year 2090, when a domestic android is threatened by its owner. The android, named B1-66ER in



what appears to be a reference to the character Bigger Thomas from the novel *Native Son*, then kills the owner, his pets, and a mechanic instructed to deactivate the robot. This murder is the first incident of an artificially intelligent machine killing a human. B1-66ER is arrested and put on trial, but justifies the crime as self-defense, stating that it "simply did not want to die". During the trial scene, there is a voice-over of Clarence Darrow quoting a famous line from the *Dred Scott v. Sandford* case in 1856 in his closing statement, which implicitly ruled that African Americans were not entitled to citizenship under United States law. Using this as a precedent, the prosecution argues that machines are not entitled to the same rights as human beings, and specifically that human beings have a right to destroy their property, while the defense urges the listener not to repeat history, and to judge B1-66ER as a human and not a machine. B1-66ER loses the court case and is destroyed. Across the industrialized world, mass civil disturbances erupt when robots and their human sympathizers rise in protest. World leaders fear a robot rebellion, and governments across the planet initiate a major program to destroy all humanoid machines. News reports show rioting in American and Western European cities such as Chicago and Berlin, alongside the peaceful "Million Machine March" on the Albany district courthouse where B1-66ER was sentenced. Visual references are made to such incidents as General Nguyễn Ngọc Loan's execution of Viet Cong officer Nguyễn Văn Lém, the Tank Man standoff following the Tiananmen Square protests of 1989, the Al-Aqsa Intifada and The Holocaust. Some robots escape destruction when humans, in their greed, still want the robots to work and produce things for them. The machine population is exiled, and they create their own nation in the Middle East, named Zero One. According to the narrator, the robots built Zero One in "the cradle of human civilization", an allusion to the Fertile Crescent, apparently located in Saudi Arabia's "Empty Quarter" which is devoid of human life. Essentially ghettoized at Zero One, the machines establish their own industrial base there and begin to produce efficient, highly advanced artificial intelligence, echoing Vernor Vinge's thoughts on a technological singularity. The new nation excels at manufacturing high-tech consumer products, and before long, Zero One's consistent export of cheap, reliable, mass-produced goods begin to undercut the global economy. The United Nations Security Council calls an emergency economic summit at UN headquarters in New York City, resulting in UN delegates approving of a global economic blockade of Zero One that echoes the Cuban Missile Crisis. Two robotic ambassadors, built as a mechanical Adam and Eve, are sent by the leaders of Zero One to peacefully request the admission of their state to the United Nations as a prelude to settling the economic crisis peacefully. Despite their peaceful intentions, the ambassadors are forcibly removed from the chamber, and their application is rejected. As this scene unfolds, the narrator states that "this was not the last time the machines would take the floor there" foreshadowing the end of Part II. Part I ends as the Security Council debates the issue of short-sightedly declaring war on the Machine Empire. Part II opens with United Nations aircraft unleashing a massive nuclear bombardment on Zero One. The nuclear carpet bombing devastates the machine city, but is unsuccessful in destroying many elements of the mechanical population, given that the machines did not have the same weaknesses to the bombs' fallout and heat as humans. The machines retaliate by unleashing their armies to conquer neighboring human countries, triggering a world war between the United Nations and Zero One. Unfortunately, most of the world's industrial output is already based in Zero One, as the lazy humans had grown accustomed to not producing things for themselves. Despite their best efforts, human troops are unable to hold back Zero One's relentlessly efficient onslaught, and slowly retreat. As the machine forces push deeper across the planet, military leaders begin to pursue increasingly desperate solutions. At a summit of political and military leaders from around the world, unanimous approval is given to a plan code-named "Operation Dark Storm", which aims to cut the machines off from the sun, their primary energy source. The plan is executed in 2095, with high altitude bombers dispersing sky-darkening nanomachines into the air, while the human armies simultaneously launch a ground offensive against the machine forces. The plan is initially successful, although many of the human nations' long-range weapons systems are also disabled by the lack of sunlight. With their high-tech weapons rendered useless, human commanders are forced to launch close-quarters infantry engagements, supported by electromagnetic artillery fire and armored assaults using atomic tanks and powered armor. Heavy losses are taken on both sides, but the Machines gradually gain the upper hand. Legions of a new model of machine, no longer in humanoid form and appearing more like the insectoid or cephalopod-like Sentinels and others of the Matrix films, overrun the human armies. This coincides with the destruction of original man-made robots at the hands of human forces and, as a result, the further dehumanization of the rapidly emerging machine collective. As the machine armies swarm across the human defenses, the United Nations, in desperation, fires nuclear missiles directly at the machine armies, vaporizing their own troops in the process. To make up for the lack of solar power, the machines begin capturing human prisoners and using their bodies to power large biomechanical tanks, which quickly cut through the dwindling human artillery. As the expanding armies of Zero One overrun Eurasia, they unleash lethal biological weapons which further ravage humanity. Eventually brought to its knees by the might of the machine army, the Security Council calls a global summit at U.N. headquarters to sign an armistice and end the war. Zero One's machine ambassador signs the peace treaty with a barcode, in which the humans agree to surrender their remaining territories to the machines. "Your flesh is a relic, a mere vessel. Hand over your flesh and a new world awaits you. We demand it" are the only words the machine utters before it detonates a nuclear bomb in the meeting chamber, killing most of the planet's leaders and destroying New York City, one of the few remaining human settlements. In 2102, the machines crush the leaderless remnants of the human armies, and the war ends. Zero One is victorious, but it is a Pyrrhic victory: the planet has been devastated by the war and by the crippling ecological impact of the Dark Storm shroud, which the machines are unable to remove. In need of a new energy source, the machines adapt their bioelectric tank technology to build vast human-stocked power stations, using their bodies' waste-energy to catalyze a powerful fusion reaction, in which in its making the Humans endure many days of agonising torture, and at its completion, the Machines create the computer-generated virtual reality of the Matrix, to keep their prisoners sedated by feeding the virtual world into the prisoners' brains, starting with the first prototype Matrix. Kid's Story was written by the Wachowskis and directed by Shinichi Watanabe, with animations by Kazuo Nakazawa and production design by Studio 4°C, Tokyo. It is the only one of the animated shorts contained in *The Matrix* in which Neo appears. The short takes place during the six month gap between *The Matrix* and *The Matrix Reloaded*, during which time Neo has joined the crew of the Nebuchadnezzar and is helping the rebels to free other humans from the Matrix. Kid is a disaffected teenager who feels there is something wrong with the world, frequenting hacker chatrooms on the internet and wondering if he is alone. In school, he absent-mindedly scribbles "Neo lives" in his notebook. One day he receives a personal invitation from Neo to escape the Matrix. The following day, he receives a call from Neo on his cell phone, and is chased through his high school by a band of Agents, before ultimately being cornered on the roof. He asserts his faith in Neo, and throws himself from the roof, whereupon the other characters are shown holding his funeral. The short fades up from black as the Kid awakens in the real world to see Neo and Trinity watching over him. They remark that he has achieved "self substantiation", which was considered impossible. In both the short itself and *The Matrix Reloaded*, however, the Kid seems to believe it was Neo's actions, not his own, that saved him. Self-substantiation is never thoroughly discussed in any part of the series. Morpheus speaks of the founder of Zion who freed himself, presumably without external help. However, this was revealed to be a ruse by the machines. Kid's Story and World Record both heavily hint at this as the viewer wonders how a man being awoken from one of those pods, apparently helpless, could somehow build and start a city. Program was written and directed by Yoshiaki Kawajiri. The character designs were done by Yutaka Minowa. In case with *Beyond* and *Matriculated* it is also a midquel of the first or second film. It follows the protagonist, "Cis", who is engaged in her "favorite simulation": a battle program set in feudal Japan. After successfully e

eliminating an attacking enemy cavalry, a lone samurai appears whom Cis recognizes as "Duo". "Cis" made her first appearance as an image in *The Matrix Revisited*. Initially, the two duel as allies, testing one another's fighting abilities. During the course of their duel, Duo briefly disarms Cis. He questions her concentration and wonders whether she regrets taking the Red Pill that took them out of the "peaceful life of the virtual world". They continue fighting until she finally overpowers Duo and is poised for the 'kill'. It is at this point that Duo states that he has "something to say". She sarcastically assumes that he wants to propose [marriage]; but instead he admits a desire to return to the Matrix; incredulous, Cis nevertheless responds that doing so is impossible as 'the truth' is already known to them, forbidding their re-integration. Duo reasons that reality is harsh and that he is tired of it. He adds that the Machines can make the both of them forget the truth. Duo then states that he has disabled or killed the other crewmembers and contacted the Machines. He asks Cis to return with him to the Matrix, but she continues to refuse. As Duo becomes more aggressive in his arguments for returning, Cis attempts to escape while simultaneously warding off his attacks. Becoming increasingly uncomfortable with the situation, Cis requests an operator in order to exit the simulation. Duo tells her that no one can help her and reiterates that it "is already done...[the machines] are on their way". Thereafter their fighting becomes much more serious and forceful as they move from rooftop to rooftop. Duo, in a flying leap, attacks her from above with his sword. As the blade comes towards her, Cis, standing her ground, concentrates and halts its forward motion inches from her face and breaks it. She takes the broken end of the blade and thrusts it into Duo. Duo states his love for her as he dies. Suddenly, she wakes from the program and discovers that the encounter with Duo was a test program devised for training purposes. A man named "Kaiser" unsuccessfully assures her that she acted appropriately during the test and met the test's targets. Clearly upset, she punches him in the face and walks away. He remarks that "aside from that last part", she passed the test. *World Record* was created by Madhouse and directed by Takeshi Koike, with a screenplay by Yoshiaki Kawajiri and is also a midquel of the first or second film. The beginning of this short includes a short narration from the Instructor explaining details behind the discovery of the Matrix by "plugged-in" humans. Only exceptional humans tend to become aware of the Matrix, who have "a rare degree of intuition, sensitivity, and a questioning nature", all qualities which are used to identify inconsistencies in the Matrix. This is not without exceptions, given that "Some attain this wisdom through wholly different means." The story is about Dan Davis, a track athlete, who's competing in the 100m in the Summer Olympic Games. He has set a world record time of 8.99 seconds, but his subsequent gold medal was revoked for drug use. He decides to compete again and break his own record to "prove them wrong." Despite support from his father and a young reporter, Dan's trainer tells him that he is physically unfit to race and that pushing himself too hard will cause a career ending injury. Dan is adamant on racing. On the day of the race, he is monitored by 4 agents located in the stadium. The race begins and Dan starts off strong. However, the muscles in his leg violently rupture, putting him at a setback and scaring many of the people in the stands. Through strong willpower, Dan ignores the injury and runs much faster than he did before, easily passing the other athletes. Before he can cross the finish line, 3 of the agents possess the 3 closest runners and try and stop him, but even they can't catch up to him. Dan's massive burst of energy in the Matrix causes his real-world counterpart to rip apart the plug connecting him to the Matrix, causing him to see the real world through his pod. A Sentinel restrains him back in his pod and violently shocks him with electrified restraints. Dan's mind is thrown back into the Matrix, but his body is exhausted from the race and what he has just seen, causing him to tumble to the ground at high speeds. Despite this, Dan easily won the race and broke his original time of 8.99 seconds with a time of 8.72 seconds. The next scene shows a crippled Dan being wheeled by a nurse through a hospital. A nearby agent calls his other agents to tell them that they erased Dan's memory of the race and that he will never walk again; he won't be an issue. However, Dan quietly whispers the word, "Free," angering the agent and telling him to sit back down. Davis then breaks free of the restraints in his wheelchair and takes a few steps before falling down again and being helped up by the nurse. *Beyond* is written and directed by Koji Morimoto. It is a midquel short film, during the first or second installment of the trilogy. It follows a teenage girl, Yoko, looking for her cat Yuki. While asking around the neighborhood, indicatively somewhere in Japan, she meets some younger boys. One of them tells her Yuki is inside a "haunted house" and invites her to see it. The children have stumbled across an amalgamation of anomalies within an old, dilapidated building. They have learned to exploit this glitch in the Matrix for their own enjoyment, through several areas which seem to defy real-world physics: glass bottles reassemble after being shattered, rain falls from a sunny sky, broken lightbulbs flicker briefly, a door which opens into an endless dark void, shadows which do not align with their physical origins, and a dove's feather that rotates rapidly in place in mid-air. There is a large open space in the middle of the run-down building where they take turns jumping off a high point and falling towards the ground, yet somehow stopping inches before impact. This proves amusing and they do not seem to be bothered by the inherent strangeness of the place. Throughout the film, brief sequences show that Agents are aware of the problem in the Matrix, and a truck is seen driving toward the site to presumably deal with the problem. It arrives while the children are still playing, and an Agent-led team of "rodent exterminators" moves in to clear everybody out of it. The story ends when Yoko and the others return to the area the next day and find the site has been turned into an unremarkable parking lot. They unsuccessfully attempt to re-create the bizarre occurrences of yesterday and soon go in search of something else to do. *A Detective Story* is written and directed by Shinichiro Watanabe, with animation by Kazuto Nakazawa and is a direct prequel to the first film. It follows the story of a down-on-his-luck private detective, Ash, on what he calls the "case to end all cases". Ash receives an anonymous phone call to search for a hacker that goes by the alias "Trinity". Ash traces Trinity and learns that other detectives have failed in the same task before him; one had committed suicide, one had gone missing, and one had gone insane. He then attempts to speak with the insane detective but cannot get anything substantial out of him. This detective is an African American with a thin mustache who shows a resemblance to Walter Mosley's detective character 'Ezekiel "Easy" Rawlins'. This is a possible homage to the character as Mosley's detective series is set in a similar Noir type setting and there were not many black detectives at the time. Eventually Ash finds Trinity after deducing that he should communicate using phrases and facts from Lewis Carroll's *Alice's Adventures in Wonderland*. She proposes a meeting, and he successfully finds the location. At the meeting she removes a "bug" from his eye, planted by Agents earlier in an "eye exam dream". Agents appear and attempt to apprehend Trinity in a shoot-out with her and Ash. While the two fugitives are trying to escape the train, an Agent attempts to take over Ash's body, forcing Trinity to shoot him in order to prevent the Agent from appearing. Ash is wounded, whereupon he and Trinity bid farewells without malice. Trinity escapes, telling Ash that she thinks he could have handled the truth. Agents enter the car to find Ash, who points his gun at them while looking in the other direction and lighting a cigarette. The Agents turn to Ash who, even though he is armed, will likely die. With this apparent no-win situation, the film ends with Ash's line as his lighter flame goes out. *Easy Rawlins* Matriculated was written and directed by Korean American director Peter Chung, widely known for his work on *Aeon Flux*. Like *Beyond*, it is a midquel of the first or second film. The film deals with a group of above-ground human rebels who lure hostile intelligent machines to their laboratory in order to capture them and insert them into a "matrix" of their own design. Within this matrix, the humans attempt to teach the captured machines some of the positive traits of humanity, primarily compassion and empathy. The ultimate goal of this project is to help the intelligent machines develop free will in order to overcome their original "search-and-destroy" programming, rather than reprogramming it by force. The rebels' hope is that, once converted of its own volition, an "enlightened" machine will assist Zion in its struggle against the machine-controlled totalitarianism which currently dominates the Earth. After capturing one of the "run-

er" robots, the rebels insert the machine into their matrix. The experience of the robot leads it to believe it may have a relationship with one of the female rebels, Alexa , either friendship or something deeper. However, the rebel group is attacked by the Machines and unplug themselves to defend their headquarters, but they experience what might be considered a Pyrrhic Victory: all the onscreen rebels are killed but the single robot captured in the film successfully 'reprogrammed', indicated by the machine's mechanical eye changing from red to green. The robot plugs the dying Alexa into their matrix with itself, the only two things left surviving. Much to the machine's dismay, when the rebel realizes she is trapped inside the matrix with the "friendly" robot, she turns horrified and her avatar dissolves screaming as she clutches her head, and the robot exits from the rebels' matrix to see a motionless Alexa in front of him in the real world. The film ends with the 'converted' robot standing outside the headquarters of the human rebels, with a light on its back now turned back to the color red. Final Flight of the Osiris was written by the Wachowskis and directed by Andy Jones, with CG-animation production and design by Square Pictures, this segment is rated PG-13 by the MPAA for "Sci-Fi Violence, Sensuality and Language". The short is a direct prequel leading into the events of The Matrix Reloaded. Thadeus , a muscular man and an athletic woman called Jue engage in a blindfolded sword fight in a virtual-reality dojo. With each slice of their swords, they remove another piece of each other's clothing. Immediately after cutting the other down to their underwear, they lift their blindfold to peek at the other. As the two are about to kiss, they are interrupted by an alarm and the virtual reality simulation ends. In the next scene, the hovercraft Osiris is headed for Junction 21 when Robbie , the operator, picks up thousands of Sentinels on his HR scans. The ship flees into an uncharted tunnel, where it encounters another group of Sentinels patrolling the area. The crewmembers man the guns onboard and destroy the patrol. The ship then emerges on the surface, four kilometers directly above Zion and close to the army of Sentinels previously detected in the scan. Alerted to the Osiris's presence, the army of Sentinels pursue the ship. Captain Thadeus decides Zion must be warned, and his shipmate Jue volunteers to broadcast herself into the Matrix to deliver the warning while the ship is doggedly pursued. Jue and Thadeus admit to peeking at each other in the VR simulation. Entering the Matrix on a high rooftop, Jue jumps off and acrobatically makes her way down through structure work between two buildings. When she hits the ground in the alley below, a ripple effect is created by her impact. She drops off a package into a mail box. The package sets the prologue for Enter the Matrix. She attempts to contact Thadeus via a cell phone as the Osiris are overpowered by Sentinels and crash. The Sentinels tear their way into the ship. At the time of the call, Thadeus is making a last stand to hold off the Sentinels. Shortly after Jue says "Thadeus" over her cell phone, the Osiris explodes, destroying many of the pursuing Sentinels. In the Matrix, Jue falls to the ground, dead, her body having been destroyed on the ship.

Categories: "Science Fiction", "Japanese Movies", "Adventure", "Animation", "Anime", "Drama", "Action"

Similarity: 0.377



#2

Title: Dogtooth (ID 3548)

Summary:

A married couple and their three young adult children, a son and two daughters, live in a large compound with a garden and a swimming pool. A tall fence surrounds the property and the children have never been on the other side of it, for their parents have kept them unaware of the outside world, even of the existence of the telephone. They are taught different meanings for everyday words. For example, they are told that a "zombie" is "a small yellow flower," and that "sea" is a chair. The parents promise that each child will be ready to venture outside the compound once she or he has lost a dog tooth. Although the children are told they have a brother just on the other side of the barrier, he never appears. The only non-family member to come into the house is Christina, a young woman who works as a security guard at the father's factory. She is driven by the father to the compound – travelling both ways blindfolded – where she performs sexual favors for the son. Dissatisfied with his preference for intercourse, Christina seeks oral sex from the elder daughter in exchange for a headband. The elder daughter obliges but does not recognize the significance of performing cunnilingus. Later, she gives the headband to her younger sister, in exchange for being licked on the shoulder, which is marked by an unexplained scar. The parents have tricked the children into believing that overhead planes are merely toys. They allow the children to search for toy planes that they have planted on the grounds, and the child that finds the toy owns it. One day the older daughter finds her brother playing with her plane; she retaliates by cutting his arm with a kitchen knife. The father visits a dog training facility and demands to have his dog returned. The trainer refuses because the dog has only reached the second stage of a five-stage training. He lectures the father on the merits of retaining a dog in training until its training is complete, and warns against the untimely cessation of training. He poses the question: "Do we want an animal or a friend?" The father is impatient to receive the dog, as he expresses to his wife. When the arrival of the dog is considered imminent, the parents tell the children that the mother will soon give birth to "two children and a dog", but promise that the birth of the children can be forgone if the son and daughters show improvement in their behavior. The siblings are terrified by the appearance of a stray cat in the garden. Considering it a threat, the son ambushes and kills it with a pair of pruning shears. The parents decide to take advantage of the incident. The father shreds his clothes, covers himself in fake blood, and comes home, where he tells his children that their unseen brother was murdered to death by a cat, the most fearsome creature. The children are taught to get down on all fours and bark maniacally as a precaution against cats. A memorial service is held for the brother, in which the family members lay flowers over the fence, in mourning. Christina is again brought to the compound to perform her services and she once more requests oral sex from the elder daughter. However, the daughter rejects Christina's offer of hair gel as a reward, choosing instead the two films in Christina's bag (Rocky IV and Jaws). Christina refuses to hand over the films, but eventually agrees under threat of blackmail. The elder daughter watches the films at night, and they have a significant influence on her. She recreates scenes from the films and quotes them in her free moments. The father finds the videotapes, fashions one into a weapon with packing tape, and uses it to beat his daughter's head. Then he goes to Christina's flat, removes her VCR player from the wall and knocks her off her chair with it. As he leaves, he curses her future children to be corrupted by "bad influences." In the middle of the night, the son's knee is injured with a hammer and he accuses his younger sister. She claims he was attacked by a cat with a hammer and the father accepts her story. The parents quickly decide that, with Christina no longer available, they should allow the son to choose one of the daughters as a replacement. After fondling both sisters simultaneously in the bath with his eyes closed, he chooses the elder, who is later dressed and prepared by the mother for the sexual encounter. The elder daughter is visibly uncomfortable during intercourse, and afterwards recites a threatening passage from Rocky IV to her brother. The elder daughter's agitation begins to show during the children's dance performance staged for the parents' wedding anniversary. She dances the choreography from Flashdance to exhaustion and then devours her dessert. Later, in the bathroom, she smashes her face with a dumbbell to knock out a dogtooth. Smiling and bloody, she runs undetected through the garden and to the car, where she lets herself into the trunk and closes it over her. The father discovers her blood and tooth fragments in the sink that night. He runs outside the compound and searches in the tall grass while the other three remain just inside the grounds, barking like dogs on all fours. In the morning, the son and younger daughter hold each other and kiss, while the father drives to work, unwittingly carrying the elder daughter in her hiding place. The father goes inside. The car sits outside, unattended, but the

daughter remains in the trunk.

Categories: "Family Drama", "Drama"

Similarity: 0.340



#3

Title: Die Straße (ID 3353)

Summary:

The movie follows two distinct plot lines until the two eventually merge: the first is that of the bored middle-aged man seeking a departure from monotony in his life; the second is that of the blind man and the little boy, his grandson, who are interdependent. None of the characters have been given names and are therefore referred to only by description. The film opens with a middle-aged man lying on his couch with a look of discontent as his wife finishes cooking their dinner on a rather uneventful night. As she rushes back and forth setting the table, he sluggishly rises and walks across the room to the window and gazes out onto the busy streets. His wife eventually walks over and gazes too, but quickly sits at the table and begins to eat dinner. The man takes one look at the food and then casually leaves the apartment and begins to wander the streets in search of something exciting. The scene switches to a man sitting in a chair holding a little boy about four or five years old. Another, younger-looking man enters the room through a door on the left of the screen towards another door on the right of the screen. The little boy jumps from the man's arms to the younger man, and the older man reaches out for him; it is here that we see that the older man is blind. The little boy runs to the younger man and grasps his leg, saying, "Daddy!" He looks at him briefly, then makes a hasty exit. The little boy begins to cry and the blind man sits him up on his lap and comforts him, stroking his hair and talking to him. Then the little boy helps the blind man put on his coat and hat to go out. The middle-aged man eventually encounters a pimp and a harlot. The middle-aged man, the harlot, and the pimp run all around town getting into all sorts of scenarios: scuffling over a seat on a park bench, falsely claiming to have been robbed, going to a dance, and gambling in a card game. They all end up at a party and are seen eating at a table all together. The middle-aged man looks at his wedding ring, and inside of it he sees an image of his wife walking backwards away from him. He begins to miss her and his regular life. Around the same time, the blind man and the little boy have left the house and are standing outside a shop along the busy street. The blind man is holding the little boy's hand, but she is distracted by a dog and breaks his grip to chase the dog. The blind man is startled and calls out for him in a slight panic. The little boy is stranded on an island in the chaotic, bustling street, surrounded by horses, bicycles, pedestrians, and cars. A police officer stops traffic and walks the little boy across the street into the police office. Meanwhile, the blind man is sliding along a wall, looking desperately for the little boy. He mistakenly steps too far into the street and falls down onto the sidewalk after being nearly run over by a car. He pants heavily, upset and disoriented. A passing pedestrian stops and helps the blind man up and offers to help him get home. The police take the little boy home and put him to bed. Later, the blind man arrives home and sighs in relief at finding the little boy safe at home. The harlot takes one of the men home and when another man sees him in the house, the other man is murdered. Unbeknownst to both parties, both the middle-aged man's group and the blind man's group are in the same house. The little boy wakes up and hears his father's voice and runs out to him. He again leaves in a haste, but this time the little boy follows him. The blind man wakes up hearing the little boy's cries and stumbles upon the murdered man. He is visibly frightened and breathes heavily. A policeman finds the little boy and brings him home again and the murder scene is discovered. The blind man comforts the little boy as the police take in suspects. The middle-aged man is imprisoned, after being surprised by the murder scene. He is about to commit suicide by hanging himself from the window with his tie, when the little boy reveals that it was his father who committed the crime. A policeman enters and lets the middle-aged man go. He returns to his home and leans upon the shoulder of his wife, defeated. She reheats the soup from the night before and domesticity returns.

Categories: "Crime Fiction", "Silent film", "Indie", "Black-and-white"

Similarity: 0.330



#4

Title: Bad Lieutenant (ID 4377)

Summary:

The film opens in the Bronx, where The Lieutenant drops his two sons off at Catholic school. After they leave the car, and before he drives to work, the Lieutenant takes a few small bumps of cocaine. His first case is a double murder. He wanders away from the scene to get some coffee, and across the street, he watches a petty thief rifling through the trunks of parked cars, which the Lieutenant ignores. In the next scene, the detective approaches a group of drug dealers, who run off as he approaches. The Lieutenant follows one dealer into an apartment building and up the stairs. The dealer waits for him in the hallway, and the Lieutenant gives him a bag of drugs from a crime scene. The Lieutenant quickly smokes some crack, and then sets aside a portion of the drugs for himself. The thief promises to give him the money he makes from selling the drugs in a few days. At an apartment, the Lieutenant gets drunk and engages in a threesome with two women. Meanwhile, a nun is raped in a church by two young hoodlums. In the hospital, the Lieutenant spies on her naked body as she is examined by the doctors, who explain that the two boys also raped her with objects like a crucifix. The Lieutenant listens to her statement, where she says she has no feelings of animosity towards her attackers. She sees the attack as an opportunity for God's grace to be bestowed on them. The next morning, the Lieutenant is passed out on the couch in his home as his two young daughters watch TV. His family comes to the table for breakfast, and he stirs. He immediately flips the TV to see the results of a National League Championship series between the Mets and the Dodgers. Realizing he has lost his bet, he stumbles out of the house. He tries to win back his money by doubling his wager on the next game in the series. The Mets have lost the first three games, and he is certain that the Dodgers will win again. His wager now stands at \$30,000, more than he can afford to pay. As the film progresses, his drug use and drinking becomes more prolific and his behavior spins out of control. He is drinking and driving while he listens to the final moments of the next game in the pennant series. When the Dodgers lose again, he shoots out his car stereo. At another crime scene, he rifles through the car and finds some drugs which he stashes in his suit jacket. However, he is too impaired to secure the drugs, and they fall out onto the street. His colleagues look at him in horror, and he tries to play it off by instructing them to enter the drugs into evidence. At the First Communion of one of his children, he doubles his wager again on the series, bringing his potential losings to \$60,000. The friend who places his bets for him urges him not to deepen his predicament, but the Lieutenant is positive that the Mets cannot continue to win, as no team has ever come back from three straight losses to begin a series. As his criminality deepens, the Lieutenant pulls over two young girls who have borrowed their father's car to go to a club. Without proper licenses, he forces the girls to strip and simulate oral sex while he masturbates. After the Mets win game 6 of the series, he tries to double his wager again. His friend refuses to make the wager, insisting that the bookie would kill him for nothing, and it would be suicidal to owe him \$120,000. The Lieutenant is unwavering in his belief that the Mets cannot win the series, and he appears to heavily identify with Darryl Strawberry, whose at-bats are the only real action shown from the series. He calls the bookie to place the bet, and the bookie says he will think about taking it. Continuing his drug use, the Lieutenant picks up his \$30,000 share from the drug

g dealer who sold the evidence he had stolen. He then goes to the church where the nun was raped and finds her kneeling in prayer before the altar. In a near-stupor from his drinking and drug use, he tells her that most cops would just run her attackers through the system but that if she will identify them he will give her justice, implying that he will kill them for her. She repeats that she has forgiven them already then gets up and leaves the lieutenant alone on his knees at the altar. The lieutenant suffers an emotional breakdown. He sees the crucified Christ standing in the aisle of the church and, in tears, begins to hurl curses at him before finally confessing his own weakness and begging forgiveness for his crimes. He crawls to the figure before him and kisses the bloody feet only to look up and see a woman holding a gold chalice. The woman tells him that the two rapists pawned the chalice at her husband's store. The Lieutenant then tracks down the two rapists and cuffs them together. He holds them at gunpoint and then has them light a crack pipe which he then smokes with them as they watch the Mets make their historic comeback and win the pennant. Instead of booking the two rapists, he takes them to the Port Authority and puts them on a bus with the cigar box containing the \$30,000. He insists that they take the bus and never come back to New York City. After he leaves the terminal, he parks on the street. Another car drives up beside him, and a voice yells, "Hey, cop!" before several shots ring out. The film closes as bystanders realize the Lieutenant has been murdered and start to gather around his car.

Categories: "Crime Fiction", "Thriller", "Drama", "Crime Drama"

Similarity: 0.314

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#5

Title: Smallpox (ID 3435)

Summary:

In 1962 the World Health Organization launched a vaccination campaign to rid the world of smallpox forever. By 1980 the y had succeeded and vaccination stopped. The only living samples of the virus were safely locked inside two maximum-security laboratories, one in Russia and one in the United States. Or so the world believed. In New York City on April 9, 2002, 29-year-old sales assistant Cynthia Sheldon had been feeling unwell. She brought herself to Long Island College Hospital, where she was treated by Dr. Carl Jocelyn. She had a high fever and was complaining of a headache and back pain, she had a mild rash at that time on her hands, kind of red. A routine anthrax test on Cynthia came back negative. Dr. Jocelyn did what any doctor would have done, he gave her some Tylenol and told her to drink plenty of fluids and get plenty of rest. If anything went wrong come back in a couple of days. On April 11 at 6:20 P.M. Cynthia Sheldon was brought back to the hospital. Her state had deteriorated greatly. The fever was very high and the rash she before had on her hands had spread over her body and had erupted into small pus-filled blisters that all up and down on her arms and on her face. Upon examining her further, Dr. Jocelyn found that the blisters were all over; up and down her torso, on her neck, down her throat. It obviously wasn't the flu. Dr. Jocelyn didn't know what it was, only that it looked highly infectious. In response, the hospital sealed off its emergency room. The speculation in the public was that it was another bioterrorist scare. For the previous six months, the Department of Health had been on heightened alert for any unusual outbreaks of disease. Dr. Sam Wiseman was the head of the New York City bioterrorism unit and he was called in to examine Cynthia Sheldon in the isolation unit. He was convinced he was looking at a case of smallpox. To establish how widespread the outbreak might be, the Department of Health immediately faxed every hospital in the city requesting information on any patients that might be showing early symptoms of the disease. Within a half an hour they were hearing about possible cases in four of the five boroughs. Fifteen of the hospitals that they heard from had not only seen such cases in the last 48 hours, but sent them home like Cynthia had been sent home. Dr. Wiseman realized that the disease was spreading in a geometric fashion; one person infects twenty and each of the twenty infects another twenty, and so on. And they don't even know they're infected until they become sick 10 to 12 days later at which point they're infectious. By 10:00 that night over 30 suspected cases of smallpox had been identified. It would take 24 hours before the disease could be confirmed by a laboratory diagnosis, but a plan of action was needed. The mayor called a crisis meeting at the office of emergency management. Jack Hill, the director of New York City's Office of Emergency Management, wanted the city to mobilize the National Guard, close down the airports and train stations, restrict movement in and out of the city, and vaccinate anybody exposed to the virus, and quarantine anybody who had contracted smallpox. Since there were only a handful of cases, no one had died and it was still not confirmed as smallpox, the other members of the meeting saw this as an overreaction that would cause panic, so Hill was voted down. As a precaution it was agreed that anyone that had been in direct contact with the suspected case should be vaccinated. No further action was deemed necessary at that stage. In Geneva the World Health Organization was checking for any smallpox outbreaks elsewhere in the world. But none had been reported. By the time New York had diagnosed its first case it was too late, the virus had moved on. Two days before Cynthia Sheldon first went to the hospital, New York businessman Mark Smits was preparing to leave for an urgent business meeting in London. Before he left, he was ill but still left for London. At 10:30 A.M. on April 8, Mark Smits checked in to his hotel in central London. When he arrived he complained of a high fever, so a hotel doctor was called. The doctor diagnosed flu and said he would check in on him the next morning. By 11:30 A.M. the following day Smits's condition had deteriorated dramatically. He was immediately transferred to St. Mary's Hospital in Paddington. There was clearly a public health emergency. His symptoms were closest to Ebola, Marburg virus and other hemorrhagic diseases, but at the time there was no question as to smallpox. The Kingsway Hall hotel was isolated and decontaminated. Anyone that Smits had been in contact with was quarantined and an investigation began to trace Smits's movements over the past few days. The trail quickly led back to his home in New York City. By April 12, Mark Smits had died and the disease had still not been diagnosed. At 2:10 A.M. that morning the doctors heard about the possible smallpox outbreak in New York on CNN. They knew that in 3% of smallpox victims there are hemorrhagic symptoms that kill the victim. They knew they needed to find anyone that had breathed the same air as Mark Smits that day. To contain the virus, the authorities had to locate everyone at risk, vaccinate them within four days of exposure and persuade them to stay at home for 17 days, the maximum incubation for the disease. But Cynthia Sheldon in New York and Mark Smits in London were just the tip of the iceberg. Within 24 hours 38 new cases were confirmed in New York plus six further cases in three other countries. On April 13 at 8:30 A.M., the President of the United States addressed the nation with realization that the outbreak was an act of terrorism. Three days after the first case was diagnosed there was still no clue as to who had unleashed the virus and why. No one had claimed responsibilities, no witnesses, no motive. There was no common thread that tied the early cases together. What they needed to do was to track the movements of all of the initial patients at least for the first two weeks, the incubation period. On day four the investigation made its first breakthrough. The CDC in Atlanta identified the strain of smallpox as India-1; this proved that the virus originated in a Russian bioweapons lab and somehow found its way into the hands of terrorists. In the 1960s the Soviet Union was one of the driving nations behind the campaign to eradicate smallpox. But this was the height of the Cold War. Unwittingly many of the Soviet doctors were sending smallpox samples back to the Soviet military. To the generals, the eradication of the disease presented a unique opportunity. If there was no smallpox, it meant no one would be vaccinated anymore. If nobody is vaccinated a new biological weapon based on smallpox would be the most powerful and effective weapon ever created to eliminate human life. In the 1980s Dr. Ken Alibek, holding the rank of Colonel in the Soviet Army, oversaw the secret development of a massive bio-weapons program using a specially selected strain of smallpox. The major strain used in the Soviet Union was codenamed India-1. It was highly virulent and highly contagious. Although

it was consistently denied to the Western world, Biopreparat, the Soviet biological weapons program, was producing deadly disease on an industrial scale. Inside their laboratories, Ebola, Tularemia, Anthrax, and Smallpox were all weaponized and then loaded into missiles to be unleashed on the West in the event of total war. The size and scope of the research and development program was enormous. Upwards of 60,000 people worked in Biopreparat alone. Large numbers of experts in every aspect of the biological sciences and microbiological, almost a generation of the most clever people, ended up in the program. In the 1980s and 1990s hundreds of tons of smallpox were stockpiled in Soviet laboratories. Real concerns existed over the security of these facilities. With the break-up of the Soviet Union, the support to the laboratories where the virus was being made diminished sharply and between a third and a half of all the scientists left the laboratories to go to many places. Because these were scientists with families and no money, you could certainly hire these people as consultants very easily at very low prices and many countries did. Samples of the virus had traveled with them. By day 7 of the epidemic in New York, the number of smallpox cases had stabilized at 62. But that was all about to change, as the epidemic was moving into its next phase. By April 18 new outbreaks were confirmed in the densely populated cities of Delhi, Tokyo, Karachi, and Moscow. Other nations took action to prevent the further spread of the disease to their shores. All Eurotunnel and ferry services between France and England were suspended. In London, the authorities were also beginning to count the cost of Mark Smits' legacy. They vaccinated more than 4,000 and still it slipped through the nails. In just four days, between April 18 and April 21, London saw nearly a hundred new cases. By day 11 outbreaks were confirmed in Glasgow, Manchester, Bristol, and Birmingham. The United Kingdom was in the grip of a major nationwide epidemic. A decision was made to withhold information about the size of the UK vaccine stockpile. They had only enough to vaccinate 14 million people, yet the UK had a population of 60 million people, which meant that only a quarter of the UK could be vaccinated. By refusing to go public with the figures it appeared the government had something to hide. The press immediately became suspicious and published inaccurate information and the public started to disbelieve what the British government told them. The transport and general workers' unions demanded vaccinations. With almost no trucks delivering, panic buying led to food and fuel shortages. Within days London transport workers joined the protest, refusing to work unless they too receive vaccine. With the UK's infrastructure unraveling, the authorities were rapidly losing their grip on the epidemic. On day 12 Cynthia Sheldon died and by that time there were 202 cases in New York City. Within the first ten days things went from 10 reported cases a day to 20 reported cases a day to 150 cases a day. As fear turned to panic, tens of thousands of New Yorkers had begun to flee the city. But by then outbreaks were occurring all over the United States. Suddenly every state was clamoring for vaccine. There was only one solution: to dilute the existing stockpile. They could dilute the vaccine five times safely. Although some said they could dilute it ten times, five was chosen because that was what was needed and they wanted the vaccine to be as potent as possible. But it wasn't that simple. The amount of vaccine given to a recipient depended on how the vial was held, and the way it was usually held meant people received more than they should. This meant that although one vial may be meant for 100 people, doctors were lucky if they vaccinated 50 with that vial. Even where vaccine was available for many it had serious side-effects. Pregnant women, anyone with a chronic skin condition or an immune deficiency disease like AIDS couldn't take the vaccine. In many cases it could kill them. There is a preparation called vaccinia immune globulin, or VIG, which is antibodies taken from the serum of people who have been vaccinated and given to people who can't take the vaccine. It's a very painful series of intramuscular injections taken over two days, and there were only 700 courses of it throughout the United States. In New York, because the hospitals were overwhelmed with smallpox victims and couldn't deal with the daily routines they needed to deal with, the authorities created special hospitals. They took the armories throughout the city and turned them into smallpox hospitals. Thousands of beds were set up inside each building in preparation of the anticipated cases. The hospitals were manned by volunteer health workers and the National Guard was posted on the perimeter to prevent anyone from getting out. By April 29 a hundred people had died. Each body was still infectious, making it impossible to return the victims to their families. As the dead increased it became apparent they weren't going to be able to deal with it in a conventional manner in the city morgues. So they took over Governors Island and turned it into a morgue. And they took Army issue air conditioned tents and every morning when the bodies were collected from the hospitals, they were taken to Governors Island and laid out and they filled one tent and another tent, etc. As more and more people avoided coming into the city, Wall Street, the world's greatest financial district, fell silent. In just over two weeks, New York had ground to a halt. By day 16 there were still no clues as to who had unleashed the virus. But the date of the attack had been pinpointed: April 1, 2002. A pattern started to emerge. Among the early cases, there were two groups. The first group had traveled on the subway, between Wall Street and Grand Central Terminal, between 7:30 and 8:30 in the morning. The second group were in or around Penn Station between 8:30 and 9:30. So clearly and without a doubt the killer had targeted these sections of the city. The FBI pulled thousands of hours of CCTV footage in the target area with ten separate teams working 24 hours a day scanning the footage, frame by frame. Best of all, some of the survivors had described seeing an extremely ill man coughing on the subway. By day 21 as news of the suspect was broadcast, the next phase of infections had begun. By the first day of May, over 30 countries were fighting outbreaks. International trade and transport slowed to a trickle. Many nations without vaccine had to take harsh action to quell panic and contain the outbreaks. Every country was increasingly left to fend for itself. In the US, the number of cases was rising by a thousand a day. Strict rationing of vaccine led to riots, the worst was in south central Los Angeles, where six suspected were reported. Officials, however, withheld vaccine because the suspected outbreak remained unconfirmed. The government was accused of racial discrimination in its vaccination policy. In London, life moved behind closed doors. As fear and panic took hold, random acts of violence broke out. People all over the world turned their fear and suspicion on each other. By day 36, in the UK it was clear that the measures taken by the authorities to contain both the spread of the disease and public panic were failing. Draconian measures were needed, armed troops enforced a curfew on the streets of London. The British government set up special quarantine centers around the country with the help of the Army. With smallpox outbreaks in over 36 states, the American government was also forced to introduce harsh containment and quarantine measures. By May 19 the number of cases in the UK had risen to 13,000. Five weeks after the virus had been released in New York, a man fitting the description of the suspect had been identified on CCTV footage from the target locations. Between 7:54 A.M. and 9:47 A.M. he was captured on over 20 different cameras, then he vanished. But on the 40th day of the investigation, an extraordinary discovery was made. A maintenance worker at a subway station literally tripped over a body that had been tucked into an alcove in a service tunnel. Even though it was vastly decomposed and half eaten by rats, the FBI knew who it was because of the clothes. The forensic examination concluded that the body was heavily infected with smallpox over a week before the outbreak began. But it wasn't the virus that killed him, the cause of death was an overdose of barbiturates. Although the killer had taken great care to conceal his identity, the corpse provided the FBI with its first substantial leads. By late May smallpox epidemics were taking hold in Africa, South America and Asia. One of the worst hit cities was Bombay; within a week the number of cases leaped from 3,000 to 18,000. Medical staff were staying away from hospitals and millions were fleeing the city. No one had ever seen smallpox spread this fast before. What compounded the problem is that in the years since assumed eradication, AIDS had become a problem in many of these countries, which made it doubly horrible. In many parts of Africa nearly a quarter of the population was HIV-positive. Because of their weakened immunity smallpox was nearly always fatal. By day 46, there were 100,286 cases in New York City, with 12,310 dead. As the number of smallpox cases exploded, it became almost impossible to keep track of the epidemic. In New York, no one was left untouched by the nightmare. Families



s were ripped apart. By June 4, there were 509,013 cases in the United States, with 76,005 dead. In the UK, the management and distribution of vaccine was becoming more efficient. By the beginning of June the vast majority of the planet was caught in a disaster of biblical proportions. People fled the cities to get away from smallpox and were put into huge refugee camps, which were breeding grounds for the virus. Nobody was farming or transporting foods, so the whole infrastructure of these countries had collapsed. And people were ravaged by famine, typhoid, dysentery, cholera, plague, all mitigating against them. By mid-June 2002, the death toll in the Third World was rising by 200,000 a week. On day 65, America had over a million cases of smallpox. By then substantial quantities of new vaccine were becoming available, but its management and distribution were fraught with problems. The health infrastructure was in chaos; just getting the vaccine to the people who really needed it was a desperately difficult thing. The country was virtually on its knees by that stage. But the tide was turning. The combination of harsh containment measures and mass vaccination was reducing the spread of the disease. By mid-July the figure of 100,000 were infecting 90,000. By July 10, 2002, there were 27,456 fatalities in New York City, however the rate of smallpox infections dropped for the first time. Every known fact about the day the epidemic began has been documented in detail. At 7:54 A.M. on April 1, the killer walked into a grocery store on the corner of Spring and Lafayette. He purchased two bottles of water, walked out of the building and onto the subway. At 8:32 A.M. in front of Grand Central Station the killer was seen crossing a crowded intersection, touching six-year old Jose Marco Ramirez on the head, who would die 22 days later. In a short distance the killer passed over 150 people, infecting 10 of them. A receipt from a jeweler's found in Mark Smits' wallet placed him at the scene at that time. Smits was one of those ten. At 8:33 A.M. the killer entered the Cosley building and stepped into the elevator. He rode to the top floor and then back down into the lobby where he exited the building. Cynthia Sheldon then stepped into the elevator. The FBI did not find a single hard piece of evidence that would link him to anybody. The clue that they found what he wanted to find. They found a key on him. The key led to an apartment where the rent had been paid three months in advance. On the table lay a copy of the King James Bible. It was opened at the Book of Ezekiel. A single passage was marked, "A third part of thee shall die with the pestilence, and with famine shall they be consumed in the midst of thee: and a third part shall fall by the sword round about thee; and I will scatter a third part into all the winds, and I will draw out a sword after them. Thus shall mine anger be accomplished, and I will cause my fury to rest upon them, and I will be comforted." Beyond this ambiguous message, the investigation failed to discover a motive for the attack. To this day no evidence linking the terrorist to a known organization has been established. The case remains open. By the time the global pandemic ended, 30,000 people had died in New York City, 1.5 million died in the United States, and 60 million people died worldwide. Outbreaks of smallpox are still occurring in parts of Africa and Asia. A new global eradication program has begun, but the social and psychological wounds of the great smallpox pandemic of 2002 will be much harder to heal.

Categories: "Drama", "Docudrama"

Similarity: 0.310

## Βελτιστοποίηση του TfIdfVectorizer

Οι βελτιστοποιήσεις που επιλέξαμε έχουν ήδη γίνει πριν από την χρήση του TfIdfVectorizer, καθώς αφορούσαν προπεξεργασία κάθε κειμένου ξεχωριστά. Για αυτόν τον λόγο, δεν θα ασχοληθούμε με πολλές παραμέτρους προπεξεργασίας του TfIdfVectorizer, μόνο με εκείνες που αφορούν το σύνολο των κειμένων.

Εξετάζοντας τις προτάσεις που επιστρέφει ο vectorizer ύστερα από τις βελτιστοποιήσεις μας για ορισμένους τυχαίους τίτλους, παρουσιάζουμε ενδεικτικά ταινίες για τις οποίες παράγονται καλές συστάσεις, βάσει των περιγραφών και των κατηγοριών τους:

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In [ ]: contentRecommender(targetMovie = 3538, corpusType = preprocessedTfidfMatrix)
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## 🔔 RECOMMENDATIONS FOR 🔔

Title: New Mexico (ID 3538)

### Summary:

Abraham Lincoln himself comes to New Mexico to discuss living together in peace with Acoma, a feared and respected Indian chief. He presents the chief with a cane as a gift and symbol of their friendship. Lt. Hunt is promoted due to his personal assistance to Lincoln in arranging the truce. Unhappily, a bigoted superior officer, Col. McComb, and the dastardly Judge Wilcox are opposed to any such treaty, and when Hunt states his objection, McComb has him placed under arrest along with Acoma and a number of Indian braves, also breaking the cane. Other members of the tribe break them out of jail, killing McComb and others in the process. Hunt takes command and cancels all travel in the region, angering a woman named Cherry who is planning a trip to Nevada. She arrogantly elects to leave anyway, as does Judge Wilcox, so a company of men led by Hunt goes along as escorts. Indians attack, frightening the woman and burying the judge in the sand. Hunt is disgusted with Cherry's selfish attitude and tells her so. She comes to know one of Acoma's sons, and when another uprising has fatal consequences for Indian warriors as well as Hunt, she and Acoma's son are lucky to have their lives spared.

Categories: "Western", "Action"



#1

Title: Mission: Impossible – Ghost Protocol (ID 2696)

### Summary:

Impossible Missions Force agent Trevor Hanaway is killed by assassin Sabine Moreau while in Budapest, Hungary to intercept a courier working for a nuclear extremist code-named "Cobalt". Hanaway's team leader, Jane Carter, and newly promoted field agent, Benji Dunn, extract Ethan Hunt and Hunt's source, Bogdan, from a prison. Hunt is recruited to lead Carter and Dunn to infiltrate secret Kremlin archives and locate files identifying Cobalt. During the mission, someone broadcasts across the IMF frequency, alerting the Russians to the presence of Hunt's team. Although Dunn and Carter escape, a bomb destroys the Kremlin, and Russian agent Sidorov arrests Hunt, suspecting him as part of the attack. The Russians have called the attack an undeclared act of war, and the President of the United States activates "Ghost Protocol", a black operation contingency that disavows the IMF. Hunt and his team are to take the blame for the attack, but will be allowed to escape from government custody in order to track down Cobalt. Before Hunt can escape, the IMF's secretary is killed by Russian security forces led by Sidorov, leaving Hunt and intelligence analyst William Brandt to find their own way out. The team identifies Cobalt as Kurt Hendricks, a Swedish-born Russian nuclear strategist who plans to start a nuclear war. Hendricks bombed the Kremlin in order to acquire and use a Russian nuclear launch-control device; however, he now needs the activation codes from the Budapest courier in order to launch a nuclear missile at the U.S. The exchange between Moreau and Hendricks's right-hand man, Wistrom, is due to take place at the Burj Khalifa in Dubai, United Arab Emirates. There, Hunt's team members separately convince Moreau and Wistrom that they have made the exchange with one another. However, Moreau identifies Brandt as an agent. While Hunt chases Wistrom, only to realize that Wistrom is actually Hendricks in disguise, escaping with the codes, Carter detains Moreau. Moreau attempts to kill the inexperienced Dunn, and Carter kicks her out of a window to her death. Brandt accuses Carter of compromising the mission for revenge against Moreau, but Hunt accuses Brandt of keeping secrets from them, as he has displayed fighting skills atypical for an analyst. While Hunt seeks more information from Bogdan, Brandt admits he was a field agent assigned as security detail to Hunt and his wife, Julia Meade, in Croatia. While Brandt was on patrol, Julia was killed by a Serbian hit squad, prompting Hunt to pursue and kill them before he was caught by the Russians and sent to prison. Brandt blames himself for Julia's death and can't bring himself to admit his true identity to Hunt. Bogdan and his arms-dealer cousin inform Hunt that Hendricks will be in Mumbai, India. Hendricks facilitated the sale of a defunct Soviet military satellite to Indian telecommunications entrepreneur Brij Nath. The satellite could be used to transmit the order to fire a missile. While Brandt and Dunn infiltrate the server room to deactivate the satellite, Carter gets Nath to reveal the satellite override code. But Hendricks has anticipated Hunt's plan and turns off Nath's servers before sending a signal from a television broadcasting tower through the satellite itself to a Russian nuclear submarine to fire at San Francisco. Hunt pursues Hendricks and the launch device while the other team-members attempt to bring the broadcast station back online. Hunt and Hendricks fight over the launch-control device before Hendricks jumps to his death with it to ensure the launch. Dunn kills Wistrom, allowing Brandt to restore power to the station and enabling Hunt to deactivate the missile, while the fatally wounded Hendricks witnesses the failure of his plan. Hunt is then confronted by Sidorov, who sees Hunt has stopped the missile, proving the IMF is innocent in the Kremlin bombing. The team reconvenes weeks later in Seattle. Hunt introduces the team to longtime colleague Luther Stickell and then issues new assignments. Dunn and Carter accept, but Brandt refuses. Hunt reveals that Julia's death was staged, as he knew he could not protect her, and used her death as a pretext to infiltrate the prison and get close to Bogdan, an IMF source on Hendricks. Relieved of guilt, Brandt accepts his mission while Hunt watches Julia from afar. They share a smile before he embarks on his next mission.

Categories: "Thriller", "Action Thrillers", "Adventure", "Action/Adventure", "Glamorized Spy Film", "Action", "Spy"

Similarity: 0.170



#2

Title: The Goddess of Lost Lake (ID 1823)

### Summary:

The story is about a young woman who is a quarter Native American Indian, Mary Thorne, who returns to the home of her respected father, Marshall Thorne, after completing her education in the East. She has a college degree and an air of refinement. While her father is away hunting for gold at Lost Lake, Mary enjoys the freedom of his mountain cabin. When two hunters on a hunting expedition, Mark Hamilton and Chester Martin, show up and visit the cabin she decides to put on Indian clothing and pretend she is a full-blooded Indian princess for fun. Both men are attracted to the Indian maiden and Hamilton falls deeply in love with her. Martin, however, is contemptuous of her Indian background. When Mary hears him making derisive remarks about the Indian race, she returns to her father's cabin. Martin follows her home, enters her bedroom, and attacks her. Hamilton comes to her rescue and prevents Martin from raping her. He then looks around the room and sees the modern decor. Realizing that Mary is a young woman of culture and education, he becomes angry because she fooled him and leaves. Meanwhile, while Mary's father is searching for gold, which legend has it is at the bottom of Lost Lake, a legend that also says a white man who once stole some of the gold killed an Indian prince and a white man's blood must fall before anymore gold can be taken, he is killed by an Indian guard at Lost Lake. Mary inherits the gold that her father discovered. Hamilton, who cannot forget her, comes back and they are married.

Categories: "Silent film"

Similarity: 0.162



#3

Title: Almost Heroes (ID 3437)

Summary:

Leslie Edwards , a foppish, wealthy, high-society aristocrat, and the loud, low-brow Bartholomew Hunt are competing against the renowned Lewis & Clark to be the first to chart and make it across the United States to the Pacific Ocean. In the beginning of the film, Edwards has high hopes to head the first expedition to make it across the U.S., but while he has ambition and funding, he has grown up sheltered and knows little of the wilderness he seeks to cross. To aid in his journey, he hires the services of a supposedly knowledgeable wilderness-man and tracker, Hunt, who, once they get underway, turns out to be less than advertised. Aided by a crew of varied, rugged and gristled frontiersmen, they are also joined by their group's version of Sacagawea, a young Indian woman by the name Shaquinna , who is integral in helping them find their way across the dangerous and unknown terrain ahead, as well as, eventually becoming Edwards' love interest. Along the way, the group goes through various mishaps and ordeals from having to deal with quirky, indigenous Indian tribes to vicious eagles, to running out of food and romantic snafus, as Hunt's ineptness often causes more problems than it solves. Along the way, Edward and Hunt's shared journey helps Edwards shed his aristocratic, snooty ways and learns camaraderie and honor, as well as a more humble view of a world he thought he understood. Hunt finds true friendship in Edwards and a sense of self-confidence he had not known before. After many hardships and setbacks, they eventually make it to the Pacific coast just minutes before Lewis and Clark's expedition. Once the celebration is over, however, they find that they don't necessarily want to go back to their old lives and collectively decide to continue their adventure, leading Edwards and Hunt's expedition to further explore the great uncharted world.

Categories: "Western", "Adventure Comedy", "Comedy", "Adventure"

Similarity: 0.162



#4

Title: War Paint (ID 2182)

Summary:

An Indian chief of the Arapahoe escapes the reservation where he has been living and takes along some of his warriors. The cavalry is sent out for them.

Categories: "Silent film"

Similarity: 0.150



#5

Title: Hamal 18 (ID 4052)

Summary:

A detective assumes the persona of his young daughter and hunts the internet for the man who killed her.

Categories: "Crime Fiction", "Thriller", "Drama", "Indie"

Similarity: 0.123

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In [ ]: contentRecommender(targetMovie = 475, corpusType = preprocessedTfidfMatrix)
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Title: Spinach Fer Britain (ID 475)

The short opens with five Nazi soldiers patrolling the coast of Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly withdraws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazi U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggy London and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short irises out. <http://www.youtube.com/watch?v=0Ho91px5YTs>

Title: Action in the North Atlantic (ID 223)

The oil tanker mastered by Capt. Steve Jarvis is sunk in the north Atlantic Ocean by a German U-boat. He and the first officer, his friend Joe Rossi, make it to a lifeboat along with other crewmen. When the U-boat crew starts filming their plight they respond with rude gestures and are rammed. The men swim to a raft and are rescued after 11 days adrift. During their brief liberty, Steve spends time with his wife Sarah, while Joe meets and marries singer Pearl O'Neill. The film cuts to the union hall where merchant seamen--including the survivors of Jarvis' last ship--spend their time waiting to be assigned to a new ship. Over a round of poker, Pulaski jokes about getting a shore job. When pressed by other seamen, Pulaski reveals his fear of dying at sea. The others shame him into signing along with them for another ship. Another sailor, "Boats" O'Hara, is tracked down by his wife, whom he's apparently not seen since being rescued. She angrily serves him with a summons. O'Hara, knowing he's headed back to sea, gleefully tears the summons up, saying "them 'Liberty Ships' are well named". Then it is back to sea on a new Liberty ship, the SS Seawitch, on a convoy carrying vital war supplies to the Soviet port of Murmansk. Convoy 211 is attacked by a wolfpack, a group of German U-boats that hunt for convoys. There are losses on both sides, but the convoy commander is forced to order his ships to disperse. One persistent U-boat chases after the Seawitch, but loses contact in the night. A pair of Heinkel He 59 seaplanes find the freighter and attack. Both are shot down, but the second crashes into the bow. Steve is shot in the leg during the battle; Joe has to take command. The U-boat sights the ship again and hits her with a torpedo. Joe orders the men to set fires and make smoke so that it appears as if the ship is sinking. When the submarine surfaces to finish her off, Joe rams and sinks it. The Seawitch then limps into Murmansk to a warm Russian welcome.

Similarity: 0.204

Title: Jungle Drums (ID 2744)

Deep in the jungle, a tribe of aboriginal warriors is having a celebration. Their leader is a tall man in a white cloak. Secretly, he's really a Nazi commander, and the tribe's sacred temple is really an underground Nazi outpost. The Nazis eagerly await the arrival of an American convoy with information about an Allied attack. When a military plane flies over head, the Nazis shoot it down. The commander sends the warriors to search for survivors. At the wreck site, the mortally wounded Lieutenant hands his secret documents to the crew's only survivor, Lois Lane. He tells her to destroy the documents. Then he dies. Lois is caught by the natives and tied up, but frees herself runs into the jungle and avoids capture long enough to hide the documents under a rock. She is then captured and brought back to the temple for interrogation where she is tied to a chair. When she refuses to talk, the commander orders the warriors to burn her at the stake. Meanwhile, Clark Kent and another pilot are flying out to meet with Lois's convoy. They spot the wrecked plane not far from the aboriginal village. Clark parachutes down to investigate. Once on the ground, he changes into Superman. He flies to the village. Lois is already being burned at the stake with the commander watching her. Just then, one of the warriors approaches the commander and gives him a set of papers. It's the documents Lois hid in the woods. Overjoyed with success, the commander has his men radio headquarters and send the Nazi U-boats to attack the Allied fleet. Clark arrives and saves Lois from burning to death. When the warriors see a man who can walk through fire, they run in terror. The Nazi soldiers futilely fight back against Superman. Meanwhile, Lois takes a spare white cloak and sneaks in to use the radio. The commander catches her, but before he can do anything to stop her, Superman comes to her rescue. She sends a message to the American headquarters, warning them about the Nazi subs. Out at sea, the Nazi subs prepare to decimate the Allied fleet. Before they can attack, they are bombed by a squadron of Allied bombers sent in response to Lois's warnings. The subs are destroyed, and the Allied fleet is saved. Meanwhile In Berlin, Adolf Hitler listens to a newsflash about the defeat of his U-boat force. Angry, he flips a switch on the radio and hangs his head in frustration as the tune "Praise the Lord and Pass the Ammunition" plays as the cartoon fades out.

Similarity: 0.199

Title: The Land That Time Forgot (ID 153)

The movie begins with Doug McClure as Bowen Tyler narrating the events, much as we see in many Edgar Rice Burroughs novels. A sailor throws a bottle with a written manuscript inside it into the sea, hoping for it to be discovered later. The story is set in World War I and involves the survivors of the sinking of a British merchant ship who are taken on board a German U-boat. Bowen Tyler and Lisa Clayton are passengers on a ship that is torpedoed by Captain von Schoenvorts. A long with a few surviving British officers, Bowen Tyler convinces the other men to take over the surfacing submarine, th

is being their only chance for survival. After confronting the Germans on the deck, a fight ensues and they seize the German U-boat. Tyler takes command hoping to sail to a British port. Captain Von Schoenvorts has his crew steer toward a safe sea port. But Dietz , gets loose and smashes the sub's radio. Off course and running out of fuel in the South Atlantic, the U-boat and its crew happen across an uncharted sub-continent called Caprona, a fantastical land of lush vegetation where dinosaurs still roam, co-existing with primitive man. There are also reserves of oil which, if the Germans and British can work together, can be refined and enable their escape from the island. Bowen Tyler discovers the secret of Caprona: individuals evolve not through natural selection, but by migrating northward across the island. With the submarine working again, and a sudden outbreak of volcanic eruptions across the island, Dietz abandons Tyler and Lisa in Caprona and attempts to escape, but the U-Boat cannot function in the boiling waters and sinks. Bowen Tyler and Miss Lisa are stranded, and forced to move northwards. The movie ends with Bowen Tyler throwing the bottle, with the manuscript inside it, as seen in the beginning of the movie.

Categories: "Fantasy", "Adventure"

Similarity: 0.131



#4

Title: Triumph of the Will (ID 565)

Summary:

The film begins with a prologue, the only commentary in the film. It consists of the following text, shown sequentially, against a gray background: {| border="0" cellspacing="width:50%; margin:auto; background: white; text-align: center; font-size: 95%" | style="background:#eee;" | 20 Jahre nach dem Ausbruch des Weltkrieges [20 years after the outbreak of the World War] |- | style="background:#eee;" | 19 Monate nach dem Beginn der deutschen Wiedergeburt [19 months after the beginning of the German rebirth] |- | style="background:#eee;" | flog Adolf Hitler wiederum nach Nürnberg, um Heerschau abzuhalten über seine Getreuen [Adolf Hitler flew again to Nuremberg to review the columns of his faithful followers] |} Day 1: The film opens with shots of the clouds above the city, and then moves through the clouds to float above the assembling masses below, with the intention of portraying beauty and majesty of the scene. The cruciform shadow of Hitler's plane is visible as it passes over the tiny figures marching below, accompanied by music from Richard Wagner's Die Meistersinger von Nürnberg, which slowly turns into the Horst-Wessel-Lied. Upon arriving at the Nuremberg airport, Hitler and other Nazi leaders emerge from his plane to thunderous applause and a cheering crowd. He is then driven into Nuremberg, through equally enthusiastic people, to his hotel where a night rally is later held. Day 2: The second day begins with a montage of the attendees getting ready for the opening of the Reich Party Congress, and then footage of the top Nazi officials arriving at the Luitpold Arena. The film then cuts to the opening ceremony, where Rudolf Hess announces the start of the Congress. The camera then introduces much of the Nazi hierarchy and covers their opening speeches, including Joseph Goebbels, Alfred Rosenberg, Hans Frank, Fritz Todt, Robert Ley, and Julius Streicher. Then the film cuts to an outdoor rally for the Reichsarbeitsdienst , which is primarily a series of pseudo-military drills by men carrying spades. This is also where Hitler gives his first speech on the merits of the Labor Service and praising them for their work in rebuilding Germany. The day then ends with a torchlight SA parade in which Viktor Lutze speaks to the crowds. Day 3: The third day starts with a Hitler Youth rally on the parade ground. Again the camera covers the Nazi dignitaries arriving and the introduction of Hitler by Baldur von Schirach. Hitler then addresses the Youth, describing in militaristic terms how they must harden themselves and prepare for sacrifice. Everyone present, including General Werner von Blomberg, then assemble for a military pass and review, featuring Wehrmacht cavalry and various armored vehicles. That night Hitler delivers another speech to low-ranking party officials by torchlight, commemorating the first year since the Nazis took power and declaring that the party and state are one entity. Day 4: The fourth day is the climax of the film, where the most memorable of the imagery is presented. Hitler, flanked by Heinrich Himmler and Viktor Lutze, walks through a long wide expanse with over 150,000 SA and SS troops standing at attention, to lay a wreath at a World War I Memorial. Hitler then reviews the parading SA and SS men, following which Hitler and Lutze deliver a speech where they discuss the Night of the Long Knives purge of the SA several months prior. Lutze reaffirms the SA's loyalty to the regime, and Hitler absolves the SA of any crimes committed by Ernst Röhm. New party flags are consecrated by letting them touch the Blutfahne and, following a final parade in front of the Nuremberg Frauenkirche, Hitler delivers his closing speech. In it he reaffirms the primacy of the Nazi Party in Germany, declaring, "All loyal Germans will become National Socialists. Only the best National Socialists are party comrades!" Hess then leads the assembled crowd in a final Sieg Heil salute for Hitler, marking the close of the party congress. The entire crowd sings the Horst-Wessel-Lied as the camera focuses on the giant Swastika banner, which fades into a line of silhouetted men in Nazi party uniforms, marching in formation as the lyrics "Comrades shot by the Red Front and the Reactionaries march in spirit together in our columns" are sung.

Categories: "Culture & Society", "World cinema", "Black-and-white", "Propaganda film", "War film", "Political cinema", "Documentary"

Similarity: 0.114



#5

Title: The Navy Comes Through (ID 4368)

Summary:

In 1940, the testimony of Chief Petty Officer Mike Mallory at a United States Navy board of inquiry regarding a fatal gun turret accident helps end the career of Lieutenant Tom Sands . The situation is complicated by the fact that Sands and Mallory's sister Myra are in love. Afterward, Sands resigns his commission and breaks up with Myra, telling her there is no future for them. When the United States enters World War II, however, Sands joins as an enlisted man. By chance, he is assigned to Mallory, to their mutual displeasure. They and the rest of Mallory's men are disappointed to be assigned to man the guns of the freighter Sybil Gray. When Myra comes to see her brother off , she encounters Sands, whom she had not seen since the inquiry. On board, Coxswain G. Berringer ([Max Baer recognizes Sands, making him a pariah among the navy sailors. On the voyage to England, they are attacked by a German U-boat on the surface. They exchange fire, before the submarine is driven off by escorting warships. As Bayless is seriously injured, doctor Lieutenant Commander Murray and Myra are brought aboard. They remain on the ship to avoid delaying the convoy further. A near encounter with a German pocket battleship in the fog causes Sands to reveal that he still loves Myra. Later, two German airplanes strafe and bomb the Sybil Gray. When Myra is knocked out by falling debris, Sands abandons his machine gun to carry her to safety. While he is gone, Berringer, the other sailor manning the gun, is fatally wounded. The two aircraft are shot down, but the sailors now believe that Sands is a coward. When "Babe" Dutton's radio intercepts a German message, "Dutch" Croner is able to interpret it. He informs Mallory that a German U-boat supply ship is nearby. Mallory persuades the freighter's captain to change course and capture the vessel. Unbeknownst to the Americans, the German captain has one of the torpedoes rigged to explode, but a suspicious Sands foils that scheme. Then, with a ready supply of detonators, he suggests to Mallory that they load unsuspecting U-boats with booby-trapped torpedoes. As the only qualified navigator, Sands refuses to sail to Belfast, so Mallory has no choice but to agree. The plan goes without a hitch the first three times, blowing up enemy submarines, but an officer on the fourth recognizes Dutch as a famous anti-Nazi violinist. The two ships

fire at each other, and another U-boat joins the battle. The Americans sink both submarines, but the hold of the supply ship is set on fire. When Mallory goes to deal with it during the fighting, he is overcome by the fumes. Sands rescues him. For his actions, Sands is reinstated as an officer.

Categories: "War film", "Drama", "Combat Films"

Similarity: 0.113

Λαμβάνουμε σχετικές προτάσεις για τις ταινίες με IDs 3538 και 475. Συγκρίνουμε αυτές με τις προτάσεις για τους ίδιους τίτλους που προκύπτουν χωρίς τις αντίστοιχες βελτιστοποιήσεις:

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contentRecommender(targetMovie = 3538)
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🔔 RECOMMENDATIONS FOR 🔔

Title: New Mexico (ID 3538)

Summary:

Abraham Lincoln himself comes to New Mexico to discuss living together in peace with Acoma, a feared and respected Indian chief. He presents the chief with a cane as a gift and symbol of their friendship. Lt. Hunt is promoted due to his personal assistance to Lincoln in arranging the truce. Unhappily, a bigoted superior officer, Col. McComb, and the dastardly Judge Wilcox are opposed to any such treaty, and when Hunt states his objection, McComb has him placed under arrest along with Acoma and a number of Indian braves, also breaking the cane. Other members of the tribe break them out of jail, killing McComb and others in the process. Hunt takes command and cancels all travel in the region, angering a woman named Cherry who is planning a trip to Nevada. She arrogantly elects to leave anyway, as does Judge Wilcox, so a company of men led by Hunt goes along as escorts. Indians attack, frightening the woman and burying the judge in the sand. Hunt is disgusted with Cherry's selfish attitude and tells her so. She comes to know one of Acoma's sons, and when another uprising has fatal consequences for Indian warriors as well as Hunt, she and Acoma's son are lucky to have their lives spared.

Categories: "Western", "Action"



#1

Title: Mission: Impossible – Ghost Protocol (ID 2696)

Summary:

Impossible Missions Force agent Trevor Hanaway is killed by assassin Sabine Moreau while in Budapest, Hungary to intercept a courier working for a nuclear extremist code-named "Cobalt". Hanaway's team leader, Jane Carter, and newly promoted field agent, Benji Dunn, extract Ethan Hunt and Hunt's source, Bogdan, from a prison. Hunt is recruited to lead Carter and Dunn to infiltrate secret Kremlin archives and locate files identifying Cobalt. During the mission, someone broadcasts across the IMF frequency, alerting the Russians to the presence of Hunt's team. Although Dunn and Carter escape, a bomb destroys the Kremlin, and Russian agent Sidorov arrests Hunt, suspecting him as part of the attack. The Russians have called the attack an undeclared act of war, and the President of the United States activates "Ghost Protocol", a black operation contingency that disavows the IMF. Hunt and his team are to take the blame for the attack, but will be allowed to escape from government custody in order to track down Cobalt. Before Hunt can escape, the IMF's secretary is killed by Russian security forces led by Sidorov, leaving Hunt and intelligence analyst William Brandt to find their own way out. The team identifies Cobalt as Kurt Hendricks, a Swedish-born Russian nuclear strategist who plans to start a nuclear war. Hendricks bombed the Kremlin in order to acquire and use a Russian nuclear launch-control device; however, he now needs the activation codes from the Budapest courier in order to launch a nuclear missile at the U.S. The exchange between Moreau and Hendricks's right-hand man, Wistrom, is due to take place at the Burj Khalifa in Dubai, United Arab Emirates. There, Hunt's team members separately convince Moreau and Wistrom that they have made the exchange with one another. However, Moreau identifies Brandt as an agent. While Hunt chases Wistrom, only to realize that Wistrom is actually Hendricks in disguise, escaping with the codes, Carter detains Moreau. Moreau attempts to kill the inexperienced Dunn, and Carter kicks her out of a window to her death. Brandt accuses Carter of compromising the mission for revenge against Moreau, but Hunt accuses Brandt of keeping secrets from them, as he has displayed fighting skills atypical for an analyst. While Hunt seeks more information from Bogdan, Brandt admits he was a field agent assigned as security detail to Hunt and his wife, Julia Meade, in Croatia. While Brandt was on patrol, Julia was killed by a Serbian hit squad, prompting Hunt to pursue and kill them before he was caught by the Russians and sent to prison. Brandt blames himself for Julia's death and can't bring himself to admit his true identity to Hunt. Bogdan and his arms-dealer cousin inform Hunt that Hendricks will be in Mumbai, India. Hendricks facilitated the sale of a defunct Soviet military satellite to Indian telecommunications entrepreneur Brij Nath. The satellite could be used to transmit the order to fire a missile. While Brandt and Dunn infiltrate the server room to deactivate the satellite, Carter gets Nath to reveal the satellite override code. But Hendricks has anticipated Hunt's plan and turns off Nath's servers before sending a signal from a television broadcasting tower through the satellite itself to a Russian nuclear submarine to fire at San Francisco. Hunt pursues Hendricks and the launch device while the other team-members attempt to bring the broadcast station back online. Hunt and Hendricks fight over the launch-control device before Hendricks jumps to his death with it to ensure the launch. Dunn kills Wistrom, allowing Brandt to restore power to the station and enabling Hunt to deactivate the missile, while the fatally wounded Hendricks witnesses the failure of his plan. Hunt is then confronted by Sidorov, who sees Hunt has stopped the missile, proving the IMF is innocent in the Kremlin bombing. The team reconvenes weeks later in Seattle. Hunt introduces the team to longtime colleague Luther Stickell and then issues new assignments. Dunn and Carter accept, but Brandt refuses. Hunt reveals that Julia's death was staged, as he knew he could not protect her, and used her death as a pretext to infiltrate the prison and get close to Bogdan, an IMF source on Hendricks. Relieved of guilt, Brandt accepts his mission while Hunt watches Julia from afar. They share a smile before he embarks on his next mission.

Categories: "Thriller", "Action Thrillers", "Adventure", "Action/Adventure", "Glamorized Spy Film", "Action", "Spy"

Similarity: 0.246



#2

Title: Almost Heroes (ID 3437)

Summary:

Leslie Edwards, a foppish, wealthy, high-society aristocrat, and the loud, low-brow Bartholomew Hunt are competing against the renowned Lewis & Clark to be the first to chart and make it across the United States to the Pacific Ocean. In the beginning of the film, Edwards has high hopes to head the first expedition to make it across the U.S., but while he has ambition and funding, he has grown up sheltered and knows little of the wilderness he seeks to cross. To aid in his journey, he hires the services of a supposedly knowledgeable wilderness-man and tracker, Hunt, who, once they get underway, turns out to be less than advertised. Aided by a crew of varied, rugged and gristled frontiersmen, they are also joined by their group's version of Sacagawea, a young Indian woman by the name Shaquinna, who is integral in helping them find their way across the dangerous and unknown terrain ahead, as well as, eventually becoming Edwards' love interest. Along the way, the group goes through various mishaps and ordeals from having to deal with quirky, indigenous Indian tribes to vicious eagles, to running out of food and romantic snafus, as Hunt's ineptness often causes more problems than it solves. Along the way, Edward and Hunt's shared journey helps Edwards shed his aristocratic, snooty ways and learns camaraderie and honor, as well as a more humble view of a world he thought he understood. Hunt finds true friendship in Edwards and a sense of self-confidence he had not known before. After many hardships and setbacks, they eventually make it to the Pacific coast just minutes before Lewis and Clark's expedition. Once the celebration is over, however, they find that they don't necessarily want to go back to their old lives and collectively decide to continue their adventure, leading Edwards and Hunt's expedition to further explore the great uncharted world.

Categories: "Western", "Adventure Comedy", "Comedy", "Adventure"

Similarity: 0.233





#3

Title: Outpost (ID 1022)

Summary:

In a seedy bar in a town ravaged by war, scientist and businessman Hunt hires mercenary and former Royal Marine D.C. ([Ray Stevenson to assemble a crack team of ex-soldiers, Prior, Jordan ([Paul Blair, Cotter, Voytech, McKay and Taktarov, to protect him on a dangerous journey into no-man's land. Their mission is to scope out an old military bunker in Eastern Europe. It should be easy - 48 hours at the most, and highly paid. Once at the outpost, the men make a horrific discovery that turns their mission on its head - the scene of a bloody and gruesome series of experiments, carried out by the SS, in reality shifting and reanimation during World War II to create invincible soldiers. Amidst the carnage, they find a survivor. At night, the clearing around the bunker is suddenly lit up, and silhouettes of people are seen amongst the light. Soon after, a member of their team called Tak goes missing and is gruesomely killed by an unseen foe. Later the same night Voyteche is killed by two Nazis. The next morning his and Tak's dead bodies are found linked together by the head, and Tak's containing a spent round in his skull. D.C. receives answers regarding the assignment from Hunt, which was that an unnamed corporation wanted Hunt to find and recover a large generator-like device which was responsible for the SS's reality-shifting experiments. D.C. orders Cotter to retrieve Hunt from the generator room. However, while trying to convince Hunt to come with him, an SS soldier with a pickaxe kills Cotter. It is revealed that the survivor the mercenaries recovered was actually a surviving SS brigadier general, with Prior killing the officer, the "breather" comes back to life and MacKay speaks his last words of "You're hummin' my balls!", and is killed. The mercenaries and Hunt attempt to evacuate the outpost only to be killed by the undead German army. A second corporate team arrives 72 hours later to carry out the same assignment, only to "find a breather" among the piles of naked corpses and face the illuminated soldiers surrounding the bunker, in the distance stands the brigadier general who gives the SS soldiers a nod and they begin their assault on the team before the credits roll.

Categories: "Horror", "Action", "Drama", "Slasher"

Similarity: 0.189



#4

Title: The 10th Victim (ID 4594)

Summary:

In the near future, big wars are avoided by giving individuals with violent tendencies a chance to kill in the Big Hunt. The Hunt is the most popular form of entertainment in the world and also attracts participants who are looking for fame and fortune. It includes ten rounds for each competitor, five as the hunter and five as the victim. The survivor of ten rounds becomes extremely wealthy and retires. Scenes switch between the pursuit, romance between the hunter and the victim, and a narrator explaining the rules and justification of the Hunt. Caroline Meredith is the huntress armed with a high caliber Bosch shotgun looking for her tenth victim. Marcello Poletti is the victim. He is reluctant to kill Meredith as he is not sure whether she is his hunter, but then later because they become romantically involved. To maximize financial gain, Meredith wants to get a perfect kill in front of the cameras as she has negotiated a major sponsor from the Ming Tea Company.

Categories: "Parody", "Science Fiction", "World cinema", "Drama", "Comedy", "Film adaptation", "Black comedy"

Similarity: 0.165



#5

Title: The Animatrix (ID 825)

Summary:

The plot-summaries of the shorts are listed below in the order that they run in the DVD release, which is not the chronological order. Chronologically, the order would be: \*The Second Renaissance - a prequel set generations before the original film, The Matrix, relating how humans built artificially intelligent Machines, the apocalyptic war between the two, ending with the Machines enslaving the human race and the initial creation of The Matrix virtual reality. \*A Detective Story - a stand-alone story in which the character Trinity appears, but independently of any other characters. Because Trinity is present it takes place at least within several years of the films, and though it is not made clear within the cartoon if it takes place before or after Trinity met Neo in the original film, another official source places it before the events of The Matrix. Matrix Universe poster, included in Enter the Matrix: Official Strategy Guide, Bradygames, 2003. \*Kid's Story - set during the six month gap between the events of the first and second films, after Neo joins the crew of the Nebuchadnezzar in freeing other humans from the Matrix. Its events are briefly alluded to in dialogue at the beginning of The Matrix Reloaded. \*Final Flight of the Osiris - takes place directly before The Matrix Reloaded, as the hovercraft Osiris stumbles upon the Sentinel army digging to Zion. At the beginning of The Matrix Reloaded, Niobe mentions that their reconnaissance photos of the Machine army were transmitted from the Osiris. The other four shorts are independent of the events of any other installment. While they generically deal with the virtual reality of the Matrix, and the Zion rebels, conceivably they could take place at any point in the generations-long struggle between the human rebels and the Machines running the Matrix. Like the Matrix trilogy, the entire movie except The Final Flight of the Osiris was rated R by the MPAA mainly for its Sci-Fi violence. When it was released on DVD, it was unrated. The Second Renaissance is a two-part film written and directed by Mahiro Maeda. He used Bits and Pieces of Information written by the Wachowskis as a prequel to the series as a base for the first part. With increasing numbers of people released from all labor, the human population has become lazy, arrogant, and corrupt. Despite this, the machines were content with serving humanity and, as the narrator states, "for a time, it [the status quo] was good". This phrase is a reference to one of the most famous phrases of Genesis, consistent with the Biblical references seen throughout the original Matrix films, and is one of numerous references to Genesis in particular present in "Second Renaissance". The relationship between humans and machines changes in the year 2090, when a domestic android is threatened by its owner. The android, named B1-66ER in what appears to be a reference to the character Bigger Thomas from the novel Native Son, then kills the owner, his pets, and a mechanic instructed to deactivate the robot. This murder is the first incident of an artificially intelligent machine killing a human. B1-66ER is arrested and put on trial, but justifies the crime as self-defense, stating that it "simply did not want to die". During the trial scene, there is a voice-over of Clarence Darrow quoting a famous line from the Dred Scott v. Sandford case in 1856 in his closing statement, which implicitly ruled that African Americans were not entitled to citizenship under United States law. Using this as a precedent, the prosecution argues that machines are not entitled to the same rights as human beings, and specifically that human beings have a right to destroy their property, while the defense urges the listener not to repeat history, and to judge B1-66ER as a human and not a machine. B1-66ER loses the court case and is destroyed. Across the industrialized world, mass civil disturbances erupt when robots and their human sympathizers rise in protest. World leaders fear a robot rebellion, and governments across the planet initiate a major program to destroy all humanoid machines. News reports show rioting in American and Western European cities such as Chicago and Berlin, alongside the peaceful "Million Machine March" on the Albany district courthouse where B1-66ER was



s sentenced. Visual references are made to such incidents as General Nguyễn Ngọc Loan's execution of Viet Cong officer Nguyễn Văn Lém, the Tank Man standoff following the Tiananmen Square protests of 1989, the Al-Aqsa Intifada and The Holocaust. Some robots escape destruction when humans, in their greed, still want the robots to work and produce things for them. The machine population is exiled, and they create their own nation in the Middle East, named Zero One. According to the narrator, the robots built Zero One in "the cradle of human civilization", an allusion to the Fertile Crescent, apparently located in Saudi Arabia's "Empty Quarter" which is devoid of human life. Essentially ghettoized at Zero One, the machines establish their own industrial base there and begin to produce efficient, highly advanced artificial intelligence, echoing Vernor Vinge's thoughts on a technological singularity. The new nation excels at manufacturing high-tech consumer products, and before long, Zero One's consistent export of cheap, reliable, mass-produced goods begin to undercut the global economy. The United Nations Security Council calls an emergency economic summit at UN headquarters in New York City, resulting in UN delegates approving of a global economic blockade of Zero One that echoes the Cuban Missile Crisis. Two robotic ambassadors, built as a mechanical Adam and Eve, are sent by the leaders of Zero One to peacefully request the admission of their state to the United Nations as a prelude to settling the economic crisis peacefully. Despite their peaceful intentions, the ambassadors are forcibly removed from the chamber, and their application is rejected. As this scene unfolds, the narrator states that "this was not the last time the machines would take the floor there" foreshadowing the end of Part II. Part I ends as the Security Council debates the issue of short-sightedly declaring war on the Machine Empire. Part II opens with United Nations aircraft unleashing a massive nuclear bombardment on Zero One. The nuclear carpet bombing devastates the machine city, but is unsuccessful in destroying many elements of the mechanical population, given that the machines did not have the same weaknesses to the bombs' fallout and heat as humans. The machines retaliate by unleashing their armies to conquer neighboring human countries, triggering a world war between the United Nations and Zero One. Unfortunately, most of the world's industrial output is already based in Zero One, as the lazy humans had grown accustomed to not producing things for themselves. Despite their best efforts, human troops are unable to hold back Zero One's relentlessly efficient onslaught, and slowly retreat. As the machine forces push deeper across the planet, military leaders begin to pursue increasingly desperate solutions. At a summit of political and military leaders from around the world, unanimous approval is given to a plan code-named "Operation Dark Storm", which aims to cut the machines off from the sun, their primary energy source. The plan is executed in 2095, with high altitude bombers dispersing sky-darkening nanomachines into the air, while the human armies simultaneously launch a ground offensive against the machine forces. The plan is initially successful, although many of the human nations' long-range weapons systems are also disabled by the lack of sunlight. With their high-tech weapons rendered useless, human commanders are forced to launch close-quarters infantry engagements, supported by electromagnetic artillery fire and armored assaults using atomic tanks and powered armor. Heavy losses are taken on both sides, but the Machines gradually gain the upper hand. Legions of a new model of machine, no longer in humanoid form and appearing more like the insectoid or cephalopod-like Sentinels and others of the Matrix films, overrun the human armies. This coincides with the destruction of original man-made robots at the hands of human forces and, as a result, the further dehumanization of the rapidly emerging machine collective. As the machine armies swarm across the human defenses, the United Nations, in desperation, fires nuclear missiles directly at the machine armies, vaporizing their own troops in the process. To make up for the lack of solar power, the machines begin capturing human prisoners and using their bodies to power large biomechanical tanks, which quickly cut through the dwindling human artillery. As the expanding armies of Zero One overrun Eurasia, they unleash lethal biological weapons which further ravage humanity. Eventually brought to its knees by the might of the machine army, the Security Council calls a global summit at U.N. headquarters to sign an armistice and end the war. Zero One's machine ambassador signs the peace treaty with a barcode, in which the humans agree to surrender their remaining territories to the machines. "Your flesh is a relic, a mere vessel. Hand over your flesh and a new world awaits you. We demand it" are the only words the machine utters before it detonates a nuclear bomb in the meeting chamber, killing most of the planet's leaders and destroying New York City, one of the few remaining human settlements. In 2102, the machines crush the leaderless remnants of the human armies, and the war ends. Zero One is victorious, but it is a Pyrrhic victory: the planet has been devastated by the war and by the crippling ecological impact of the Dark Storm shroud, which the machines are unable to remove. In need of a new energy source, the machines adapt their bioelectric tank technology to build vast human-stocked power stations, using their bodies' waste-energy to catalyze a powerful fusion reaction, in which in its making the humans endure many days of agonising torture, and at its completion, the Machines create the computer-generated virtual reality of the Matrix, to keep their prisoners sedated by feeding the virtual world into the prisoners' brains, starting with the first prototype Matrix. Kid's Story was written by the Wachowskis and directed by Shinichi Watanabe, with animations by Kazuo Nakazawa and production design by Studio 4°C, Tokyo. It is the only one of the animated shorts contained in The Matrix in which Neo appears. The short takes place during the six month gap between The Matrix and The Matrix: Reloaded, during which time Neo has joined the crew of the Nebuchadnezzar and is helping the rebels to free other humans from the Matrix. Kid is a disaffected teenager who feels there is something wrong with the world, frequenting hacker chatrooms on the internet and wondering if he is alone. In school, he absent-mindedly scribbles "Neo lives" in his notebook. One day he receives a personal invitation from Neo to escape the Matrix. The following day, he receives a call from Neo on his cell phone, and is chased through his high school by a band of Agents, before ultimately being cornered on the roof. He asserts his faith in Neo, and throws himself from the roof, whereupon the other characters are shown holding his funeral. The short fades up from black as the Kid awakens in the real world to see Neo and Trinity watching over him. They remark that he has achieved "self substantiation", which was considered impossible. In both the short itself and The Matrix Reloaded, however, the Kid seems to believe it was Neo's actions, not his own, that saved him. Self-substantiation is never thoroughly discussed in any part of the series. Morpheus speaks of the founder of Zion who freed himself, presumably without external help. However, this was revealed to be a ruse by the machines. Kid's Story and World Record both heavily hint at this as the viewer wonders how a man being awoken from one of those pods, apparently helpless, could somehow build and start a city. Program was written and directed by Yoshiaki Kawajiri. The character designs were done by Yutaka Minowa. In case with Beyond and Matriculated it is also a midquel of the first or second film. It follows the protagonist, "Cis", who is engaged in her "favorite simulation": a battle program set in feudal Japan. After successfully eliminating an attacking enemy cavalry, a lone samurai appears whom Cis recognizes as "Duo". "Cis" made her first appearance as an image in The Matrix Revisited. Initially, the two duel as allies, testing one another's fighting abilities. During the course of their duel, Duo briefly disarms Cis. He questions her concentration and wonders whether she regrets taking the Red Pill that took them out of the "peaceful life of the virtual world". They continue fighting until she finally overpowers Duo and is poised for the 'kill'. It is at this point that Duo states that he has "something to say". She sarcastically assumes that he wants to propose [marriage]; but instead he admits a desire to return to the Matrix; incredulous, Cis nevertheless responds that doing so is impossible as 'the truth' is already known to them, forbidding their re-integration. Duo reasons that reality is harsh and that he is tired of it. He adds that the Machines can make the both of them forget the truth. Duo then states that he has disabled or killed the other crewmembers and contacted the Machines. He asks Cis to return with him to the Matrix, but she continues to refuse. As Duo becomes more aggressive in his arguments for returning, Cis attempts to escape while simultaneously warding off his attacks. Becoming increasingly uncomfortable with the situation, Cis requests an operator in order to exit the simulation. Duo tells her that no one can help

ar her and reiterates that it "is already done...[the machines] are on their way". Thereafter their fighting becomes much more serious and forceful as they move from rooftop to rooftop. Duo, in a flying leap, attacks her from above with his sword. As the blade comes towards her, Cis, standing her ground, concentrates and halts its forward motion inches from her face and breaks it. She takes the broken end of the blade and thrusts it into Duo. Duo states his love for her as he dies. Suddenly, she wakes from the program and discovers that the encounter with Duo was a test program devised for training purposes. A man named "Kaiser" unsuccessfully assures her that she acted appropriately during the test and met the test's targets. Clearly upset, she punches him in the face and walks away. He remarks that "aside from that last part", she passed the test. World Record was created by Madhouse and directed by Takeshi Koike, with a screenplay by Yoshiaki Kawajiri and is also a midquel of the first or second film. The beginning of this short includes a short narration from the Instructor explaining details behind the discovery of the Matrix by "plugged-in" humans. Only exceptional humans tend to become aware of the Matrix, who have "a rare degree of intuition, sensitivity, and a questioning nature", all qualities which are used to identify inconsistencies in the Matrix. This is not without exceptions, given that "Some attain this wisdom through wholly different means." The story is about Dan Davis, a track athlete, who's competing in the 100m in the Summer Olympic Games. He has set a world record time of 8.99 seconds, but his subsequent gold medal was revoked for drug use. He decides to compete again and break his own record to "prove them wrong." Despite support from his father and a young reporter, Dan's trainer tells him that he is physically unfit to race and that pushing himself too hard will cause a career ending injury. Dan is adamant on racing. On the day of the race, he is monitored by 4 agents located in the stadium. The race begins and Dan starts off strong. However, the muscles in his leg violently rupture, putting him at a setback and scaring many of the people in the stands. Through strong willpower, Dan ignores the injury and runs much faster than he did before, easily passing the other athletes. Before he can cross the finish line, 3 of the agents possess the 3 closest runners and try and stop him, but even they can't catch up to him. Dan's massive burst of energy in the Matrix causes his real-world counterpart to rip apart the plug connecting him to the Matrix, causing him to see the real world through his pod. A Sentinel restrains him back in his pod and violently shocks him with electrified restraints. Dan's mind is thrown back into the Matrix, but his body is exhausted from the race and what he has just seen, causing him to tumble to the ground at high speeds. Despite this, Dan easily won the race and broke his original time of 8.99 seconds with a time of 8.72 seconds. The next scene shows a crippled Dan being wheeled by a nurse through a hospital. A nearby agent calls his other agents to tell them that they erased Dan's memory of the race and that he will never walk again; he won't be an issue. However, Dan quietly whispers the word, "Free," angering the agent and telling him to sit back down. Davis then breaks free of the restraints in his wheelchair and takes a few steps before falling down again and being helped up by the nurse. Beyond is written and directed by Koji Morimoto. It is a midquel short film, during the first or second installment of the trilogy. It follows a teenage girl, Yoko, looking for her cat Yuki. While asking around the neighborhood, indicatively somewhere in Japan, she meets some younger boys. One of them tells her Yuki is inside a "haunted house" and invites her to see it. The children have stumbled across an amalgamation of anomalies within an old, dilapidated building. They have learned to exploit this glitch in the Matrix for their own enjoyment, through several areas which seem to defy real-world physics: glass bottles reassemble after being shattered, rain falls from a sunny sky, broken lightbulbs flicker briefly, a door which opens into an endless dark void, shadows which do not align with their physical origins, and a dove's feather that rotates rapidly in place in mid-air. There is a large open space in the middle of the run-down building where they take turns jumping off a high point and falling towards the ground, yet somehow's topping inches before impact. This proves amusing and they do not seem to be bothered by the inherent strangeness of the place. Throughout the film, brief sequences show that Agents are aware of the problem in the Matrix, and a truck is seen driving toward the site to presumably deal with the problem. It arrives while the children are still playing, and an Agent-led team of "rodent exterminators" moves in to clear everybody out of it. The story ends when Yoko and the others return to the area the next day and find the site has been turned into an unremarkable parking lot. They unsuccessfully attempt to re-create the bizarre occurrences of yesterday and soon go in search of something else to do. A Detective Story is written and directed by Shinichiro Watanabe, with animation by Kazuto Nakazawa and is a direct prequel to the first film. It follows the story of a down-on-his-luck private detective, Ash, on what he calls the "case to end all cases". Ash receives an anonymous phone call to search for a hacker that goes by the alias "Trinity". Ash traces Trinity and learns that other detectives have failed in the same task before him; one had committed suicide, one had gone missing, and one had gone insane. He then attempts to speak with the insane detective but cannot get anything substantial out of him. This detective is an African American with a thin mustache who shows a resemblance to Walter Mosley's detective character 'Ezekiel 'Easy' Rawlins'. This is a possible homage to the character as Mosley's detective series is set in a similar Noir type setting and there were not many black detectives at the time. Eventually Ash finds Trinity after deducing that he should communicate using phrases and facts from Lewis Carroll's Alice's Adventures in Wonderland. She proposes a meeting, and he successfully finds the location. At the meeting she removes a "bug" from his eye, planted by Agents earlier in an "eye exam dream". Agents appear and attempt to apprehend Trinity in a shoot-out with her and Ash. While the two fugitives are trying to escape the train, an Agent attempts to take over Ash's body, forcing Trinity to shoot him in order to prevent the Agent from appearing. Ash is wounded, whereupon he and Trinity bid farewells without malice. Trinity escapes, telling Ash that she thinks he could have handled the truth. Agents enter the car to find Ash, who points his gun at them while looking in the other direction and lighting a cigarette. The Agents turn to Ash who, even though he is armed, will likely die. With this apparent no-win situation, the film ends with Ash's line as his lighter flame goes out. Easy Rawlins Matriculated was written and directed by Korean American director Peter Chung, widely known for his work on Aeon Flux. Like Beyond, it is a midquel of the first or second film. The film deals with a group of above-ground human rebels who lure hostile intelligent machines to their laboratory in order to capture them and insert them into a "matrix" of their own design. Within this matrix, the humans attempt to teach the captured machines some of the positive traits of humanity, primarily compassion and empathy. The ultimate goal of this project is to help the intelligent machines develop free will in order to overcome their original "search-and-destroy" programming, rather than reprogramming it by force. The rebels' hope is that, once converted of its own volition, an "enlightened" machine will assist Zion in its struggle against the machine-controlled totalitarianism which currently dominates the Earth. After capturing one of the "runner" robots, the rebels insert the machine into their matrix. The experience of the robot leads it to believe it may have a relationship with one of the female rebels, Alexa, either friendship or something deeper. However, the rebel group is attacked by the Machines and unplug themselves to defend their headquarters, but they experience what might be considered a Pyrrhic Victory: all the onscreen rebels are killed but the single robot captured in the film successfully 'reprogrammed', indicated by the machine's mechanical eye changing from red to green. The robot plugs the dying Alexa into their matrix with itself, the only two things left surviving. Much to the machine's dismay, when the rebel realizes she is trapped inside the matrix with the "friendly" robot, she turns horrified and her avatar dissolves screaming as she clutches her head, and the robot exits from the rebels' matrix to see a motionless Alexa in front of him in the real world. The film ends with the 'converted' robot standing outside the headquarters of the human rebels, with a light on its back now turned back to the color red. Final Flight of the Osiris was written by the Wachowskis and directed by Andy Jones, with CG-animation production and design by Square Pictures, this segment is rated PG-13 by the MPAA for "Sci-Fi Violence, Sensuality and Language". The short is a direct prequel leading into the events of The Matrix Reloaded. Thadeus, a m

uscular man and an athletic woman called Jue engage in a blindfolded sword fight in a virtual-reality dojo. With each slice of their swords, they remove another piece of each other's clothing. Immediately after cutting the other down to their underwear, they lift their blindfold to peek at the other. As the two are about to kiss, they are interrupted by an alarm and the virtual reality simulation ends. In the next scene, the hovercraft Osiris is headed for Junction 21 when Robbie, the operator, picks up thousands of Sentinels on his HR scans. The ship flees into an uncharted tunnel, where it encounters another group of Sentinels patrolling the area. The crewmembers man the guns onboard and destroy the patrol. The ship then emerges on the surface, four kilometers directly above Zion and close to the army of Sentinels previously detected in the scan. Alerted to the Osiris's presence, the army of Sentinels pursue the ship. Captain Thadeus decides Zion must be warned, and his shipmate Jue volunteers to broadcast herself into the Matrix to deliver the warning while the ship is doggedly pursued. Jue and Thadeus admit to peeking at each other in the VR simulation. Entering the Matrix on a high rooftop, Jue jumps off and acrobatically makes her way down through structure work between two buildings. When she hits the ground in the alley below, a ripple effect is created by her impact. She drops off a package into a mail box. The package sets the prologue for Enter the Matrix. She attempts to contact Thadeus via a cell phone as the Osiris is overcome by Sentinels and crash. The Sentinels tear their way into the ship. At the time of the call, Thadeus is making a last stand to hold off the Sentinels. Shortly after Jue says "Thadeus" over her cell phone, the Osiris explodes, destroying many of the pursuing Sentinels. In the Matrix, Jue falls to the ground, dead, her body having been destroyed on the ship.

Categories: "Science Fiction", "Japanese Movies", "Adventure", "Animation", "Anime", "Drama", "Action"

Similarity: 0.164

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Title: Spinach Fer Britain (ID 475)

The short opens with five Nazi soldiers patrolling the coast of Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly withdraws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazi U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggy London and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short irises out. <http://www.youtube.com/watch?v=0Ho91px5YTs>

Summary:

Categories: "Adventure", "War film", "Action/Adventure", "Drama", "Film adaptation", "Romance Film", "Action"

Similarity: 0.202

Summary:

Deep in the jungle, a tribe of aboriginal warriors is having a celebration. Their leader is a tall man in a white cloak. Secretly, he's really a Nazi commander, and the tribe's sacred temple is really an underground Nazi outpost. The Nazis eagerly await the arrival of an American convoy with information about an Allied attack. When a military plane flies over head, the Nazis shoot it down. The commander sends the warriors to search for survivors. At the wreck site, the mortally

wounded Lieutenant hands his secret documents to the crew's only survivor, Lois Lane. He tells her to destroy the documents. Then he dies. Lois is caught by the natives and tied up, but frees herself runs into the jungle and avoids capture long enough to hide the documents under a rock. She is then captured and brought back to the temple for interrogation where she is tied to a chair. When she refuses to talk, the commander orders the warriors to burn her at the stake. Meanwhile, Clark Kent and another pilot are flying out to meet with Lois's convoy. They spot the wrecked plane not far from the aboriginal village. Clark parachutes down to investigate. Once on the ground, he changes into Superman. He flies to the village. Lois is already being burned at the stake with the commander watching her. Just then, one of the warriors approaches the commander and gives him a set of papers. It's the documents Lois hid in the woods. Overjoyed with success, the commander has his men radio headquarters and send the Nazi U-boats to attack the Allied fleet. Clark arrives and saves Lois from burning to death. When the warriors see a man who can walk through fire, they run in terror. The Nazi soldiers futilely fight back against Superman. Meanwhile, Lois takes a spare white cloak and sneaks in to use the radio. The commander catches her, but before he can do anything to stop her, Superman comes to her rescue. She sends a message to the American headquarters, warning them about the Nazi subs. Out at sea, the Nazi subs prepare to decimate the Allied fleet. Before they can attack, they are bombed by a squadron of Allied bombers sent in response to Lois's warnings. The subs are destroyed, and the Allied fleet is saved. Meanwhile In Berlin, Adolf Hitler listens to a newsflash about the defeat of his U-boat force. Angrily, he flips a switch on the radio and hangs his head in frustration as the tune Praise the Lord and Pass the Ammunition plays as the cartoon fades out.

Categories: "Short Film", "Superhero movie", "Action", "Superhero", "Animation"

Similarity: 0.172



#3

Title: Action in the North Atlantic (ID 223)

Summary:

The oil tanker mastered by Capt. Steve Jarvis is sunk in the north Atlantic Ocean by a German U-boat. He and the first officer, his friend Joe Rossi, make it to a lifeboat along with other crewmen. When the U-boat crew starts filming their plight they respond with rude gestures and are rammed. The men swim to a raft and are rescued after 11 days adrift. During their brief liberty, Steve spends time with his wife Sarah, while Joe meets and marries singer Pearl O'Neill. The film cuts to the union hall where merchant seamen--including the survivors of Jervis' last ship--spend their time waiting to be assigned to a new ship. Over a round of poker, Pulaski jokes about getting a shore job. When pressed by other seamen, Pulaski reveals his fear of dying at sea. The others shame him into signing along with them for another ship. Another sailor, "Boats" O'Hara, is tracked down by his wife, whom he's apparently not seen since being rescued. She angrily serves him with a summons. O'Hara, knowing he's headed back to sea, gleefully tears the summons up, saying "them 'Liberty Ships' are well named". Then it is back to sea on a new Liberty ship, the SS Seawitch, on a convoy carrying vital war supplies to the Soviet port of Murmansk. Convoy 211 is attacked by a wolfpack, a group of German U-boats that hunt for convoys. There are losses on both sides, but the convoy commander is forced to order his ships to disperse. One persistent U-boat chases after the Seawitch, but loses contact in the night. A pair of Heinkel He 59 seaplanes find the freighter and attack. Both are shot down, but the second crashes into the bow. Steve is shot in the leg during the battle; Joe has to take command. The U-boat sights the ship again and hits her with a torpedo. Joe orders the men to set fires and make smoke so that it appears as if the ship is sinking. When the submarine surfaces to finish her off, Joe rams and sinks it. The Seawitch then limps into Murmansk to a warm Russian welcome.

Categories: "Black-and-white", "Action/Adventure", "Drama", "War film", "Action", "Combat Films"

Similarity: 0.161



#4

Title: The Animatrix (ID 825)

Summary:

The plot-summaries of the shorts are listed below in the order that they run in the DVD release, which is not the chronological order. Chronologically, the order would be: \*The Second Renaissance - a prequel set generations before the original film, The Matrix, relating how humans built artificially intelligent Machines, the apocalyptic war between the two, ending with the Machines enslaving the human race and the initial creation of The Matrix virtual reality. \*A Detective Story - a stand-alone story in which the character Trinity appears, but independently of any other characters. Because Trinity is present it takes place at least within several years of the films, and though it is not made clear within the cartoon if it takes place before or after Trinity met Neo in the original film, another official source places it before the events of The Matrix. Matrix Universe poster, included in Enter the Matrix: Official Strategy Guide, Bradygames, 2003. \*Kid's Story - set during the six month gap between the events of the first and second films, after Neo joins the crew of the Nebuchadnezzar in freeing other humans from the Matrix. Its events are briefly alluded to in dialogue at the beginning of The Matrix Reloaded. \*Final Flight of the Osiris - takes place directly before The Matrix Reloaded, as the hovercraft Osiris stumbles upon the Sentinel army digging to Zion. At the beginning of The Matrix Reloaded, Niobe mentions that their reconnaissance photos of the Machine army were transmitted from the Osiris. The other four shorts are independent of the events of any other installment. While they generically deal with the virtual reality of the Matrix, and the Zion rebels, conceivably they could take place at any point in the generations-long struggle between the human rebels and the Machines running the Matrix. Like the Matrix trilogy, the entire movie except The Final Flight of the Osiris was rated R by the MPAA mainly for its Sci-Fi violence. When it was released on DVD, it was unrated. The Second Renaissance is a two-part film written and directed by Mahiro Maeda. He used Bits and Pieces of Information written by the Wachowskis as a prequel to the series as a base for the first part. With increasing numbers of people released from all labor, the human population has become lazy, arrogant, and corrupt. Despite this, the machines were content with serving humanity and, as the narrator states, "for a time, it [the status quo] was good". This phrase is a reference to one of the most famous phrases of Genesis, consistent with the Biblical references seen throughout the original Matrix films, and is one of numerous references to Genesis in particular present in "Second Renaissance". The relationship between humans and machines changes in the year 2090, when a domestic android is threatened by its owner. The android, named B1-66ER in what appears to be a reference to the character Bigger Thomas from the novel Native Son, then kills the owner, his pets, and a mechanic instructed to deactivate the robot. This murder is the first incident of an artificially intelligent machine killing a human. B1-66ER is arrested and put on trial, but justifies the crime as self-defense, stating that it "simply did not want to die". During the trial scene, there is a voice-over of Clarence Darrow quoting a famous line from the Dred Scott v. Sandford case in 1856 in his closing statement, which implicitly ruled that African Americans were not entitled to citizenship under United States law. Using this as a precedent, the prosecution argues that machines are not entitled to the same rights as human beings, and specifically that human beings have a right to destroy their property, while the defense urges the listener not to repeat history, and to judge B1-66ER as a human and not a machine. B1-66ER loses the court case and is destroyed. Across the industrialized world, mass civil disturbances erupt when robots and their human sympathizers rise in protest. World leaders fear a robot rebellion, and governments across the planet initiate

a major program to destroy all humanoid machines. News reports show rioting in American and Western European cities such as Chicago and Berlin, alongside the peaceful "Million Machine March" on the Albany district courthouse where B1-66ER was sentenced. Visual references are made to such incidents as General Nguyễn Ngọc Loan's execution of Viet Cong officer Nguyễn Văn Lém, the Tank Man standoff following the Tiananmen Square protests of 1989, the Al-Aqsa Intifada and The Holocaust. Some robots escape destruction when humans, in their greed, still want the robots to work and produce things for them. The machine population is exiled, and they create their own nation in the Middle East, named Zero One. According to the narrator, the robots built Zero One in "the cradle of human civilization", an allusion to the Fertile Crescent, apparently located in Saudi Arabia's "Empty Quarter" which is devoid of human life. Essentially ghettoized at Zero One, the machines establish their own industrial base there and begin to produce efficient, highly advanced artificial intelligence, echoing Vernor Vinge's thoughts on a technological singularity. The new nation excels at manufacturing high-tech consumer products, and before long, Zero One's consistent export of cheap, reliable, mass-produced goods begin to undercut the global economy. The United Nations Security Council calls an emergency economic summit at UN headquarters in New York City, resulting in UN delegates approving of a global economic blockade of Zero One that echoes the Cuban Missile Crisis. Two robotic ambassadors, built as a mechanical Adam and Eve, are sent by the leaders of Zero One to peacefully request the admission of their state to the United Nations as a prelude to settling the economic crisis peacefully. Despite their peaceful intentions, the ambassadors are forcibly removed from the chamber, and their application is rejected. As this scene unfolds, the narrator states that "this was not the last time the machines would take the floor there" foreshadowing the end of Part II. Part I ends as the Security Council debates the issue of short-sightedly declaring war on the Machine Empire. Part II opens with United Nations aircraft unleashing a massive nuclear bombardment on Zero One. The nuclear carpet bombing devastates the machine city, but is unsuccessful in destroying many elements of the mechanical population, given that the machines did not have the same weaknesses to the bombs' fallout and heat as humans. The machines retaliate by unleashing their armies to conquer neighboring human countries, triggering a world war between the United Nations and Zero One. Unfortunately, most of the world's industrial output is already based in Zero One, as the lazy humans had grown accustomed to not producing things for themselves. Despite their best efforts, human troops are unable to hold back Zero One's relentlessly efficient onslaught, and slowly retreat. As the machine forces push deeper across the planet, military leaders begin to pursue increasingly desperate solutions. At a summit of political and military leaders from around the world, unanimous approval is given to a plan code-named "Operation Dark Storm", which aims to cut the machines off from the sun, their primary energy source. The plan is executed in 2095, with high altitude bombers dispersing sky-darkening nanomachines into the air, while the human armies simultaneously launch a ground offensive against the machine forces. The plan is initially successful, although many of the human nations' long-range weapons systems are also disabled by the lack of sunlight. With their high-tech weapons rendered useless, human commanders are forced to launch close-quarters infantry engagements, supported by electromagnetic artillery fire and armored assaults using atomic tanks and powered armor. Heavy losses are taken on both sides, but the Machines gradually gain the upper hand. Legions of a new model of machine, no longer in humanoid form and appearing more like the insectoid or cephalopod-like Sentinels and others of the Matrix films, overrun the human armies. This coincides with the destruction of original man-made robots at the hands of human forces and, as a result, the further dehumanization of the rapidly emerging machine collective. As the machine armies swarm across the human defenses, the United Nations, in desperation, fires nuclear missiles directly at the machine armies, vaporizing their own troops in the process. To make up for the lack of solar power, the machines begin capturing human prisoners and using their bodies to power large biomechanical tanks, which quickly cut through the dwindling human artillery. As the expanding armies of Zero One overrun Eurasia, they unleash lethal biological weapons which further ravage humanity. Eventually brought to its knees by the might of the machine army, the Security Council calls a global summit at U.N. headquarters to sign an armistice and end the war. Zero One's machine ambassador signs the peace treaty with a barcode, in which the humans agree to surrender their remaining territories to the machines. "Your flesh is a relic, a mere vessel. Hand over your flesh and a new world awaits you. We demand it" are the only words the machine utters before it detonates a nuclear bomb in the meeting chamber, killing most of the planet's leaders and destroying New York City, one of the few remaining human settlements. In 2102, the machines crush the leaderless remnants of the human armies, and the war ends. Zero One is victorious, but it is a Pyrrhic victory: the planet has been devastated by the war and by the crippling ecological impact of the Dark Storm shroud, which the machines are unable to remove. In need of a new energy source, the machines adapt their bioelectric tank technology to build vast human-stocked power stations, using their bodies' waste-energy to catalyze a powerful fusion reaction, in which in its making the Humans endure many days of agonising torture, and at its completion, the Machines create the computer-generated virtual reality of the Matrix, to keep their prisoners sedated by feeding the virtual world into the prisoners' brains, starting with the first prototype Matrix. Kid's Story was written by the Wachowskis and directed by Shinichiro Watanabe, with animations by Kazushige Nojima and production design by Studio 4°C, Tokyo. It is the only one of the animated shorts contained in The Matrix in which Neo appears. The short takes place during the six month gap between The Matrix and The Matrix: Reloaded, during which time Neo has joined the crew of the Nebuchadnezzar and is helping the rebels to free other humans from the Matrix. Kid is a disaffected teenager who feels there is something wrong with the world, frequenting hacker chatrooms on the internet and wondering if he is alone. In school, he absent-mindedly scribbles "Neo lives" in his notebook. One day he receives a personal invitation from Neo to escape the Matrix. The following day, he receives a call from Neo on his cell phone, and is chased through his high school by a band of Agents, before ultimately being cornered on the roof. He asserts his faith in Neo, and throws himself from the roof, whereupon the other characters are shown holding his funeral. The short fades up from black as the Kid awakens in the real world to see Neo and Trinity watching over him. They remark that he has achieved "self substantiation", which was considered impossible. In both the short itself and The Matrix Reloaded, however, the Kid seems to believe it was Neo's actions, not his own, that saved him. Self-substantiation is never thoroughly discussed in any part of the series. Morpheus speaks of the founder of Zion who freed himself, presumably without external help. However, this was revealed to be a ruse by the machines. Kid's Story and World Record both heavily hint at this as the viewer wonders how a man being awoken from one of those pods, apparently helpless, could somehow build and start a city. Program was written and directed by Yoshiaki Kawajiri. The character designs were done by Yutaka Minowa. In case with Beyond and Matriculated it is also a midquel of the first or second film. It follows the protagonist, "Cis", who is engaged in her "favorite simulation": a battle program set in feudal Japan. After successfully eliminating an attacking enemy cavalry, a lone samurai appears whom Cis recognizes as "Duo". "Cis" made her first appearance as an image in The Matrix Reloaded. Initially, the two duel as allies, testing one another's fighting abilities. During the course of their duel, Duo briefly disarms Cis. He questions her concentration and wonders whether she regrets taking the Red Pill that took them out of the "peaceful life of the virtual world". They continue fighting until she finally overpowers Duo and is poised for the 'kill'. It is at this point that Duo states that he has "something to say". She sarcastically assumes that he wants to propose [marriage]; but instead he admits a desire to return to the Matrix; incredulous, Cis nevertheless responds that doing so is impossible as 'the truth' is already known to them, forbidding their re-integration. Duo reasons that reality is harsh and that he is tired of it. He adds that the Machines can make both of them forget the truth. Duo then states that he has disabled or killed the other crewmembers and contacted the Machines. He asks Cis to return with him to the Matrix, but she continues to refuse. As Duo becomes more aggressive in his

arguments for returning, Cis attempts to escape while simultaneously warding off his attacks. Becoming increasingly uncomfortable with the situation, Cis requests an operator in order to exit the simulation. Duo tells her that no one can help her and reiterates that it "is already done...[the machines] are on their way". Thereafter their fighting becomes much more serious and forceful as they move from rooftop to rooftop. Duo, in a flying leap, attacks her from above with his sword. As the blade comes towards her, Cis, standing her ground, concentrates and halts its forward motion inches from her face and breaks it. She takes the broken end of the blade and thrusts it into Duo. Duo states his love for her as he dies. Suddenly, she wakes from the program and discovers that the encounter with Duo was a test program devised for training purposes. A man named "Kaiser" unsuccessfully assures her that she acted appropriately during the test and met the test's targets. Clearly upset, she punches him in the face and walks away. He remarks that "aside from that last part", she passed the test.

World Record was created by Madhouse and directed by Takeshi Koike, with a screenplay by Yoshiaki Kawajiri and is also a midquel of the first or second film. The beginning of this short includes a short narration from the Instructor explaining details behind the discovery of the Matrix by "plugged-in" humans. Only exceptional humans tend to become aware of the Matrix, who have "a rare degree of intuition, sensitivity, and a questioning nature", all qualities which are used to identify inconsistencies in the Matrix. This is not without exceptions, given that "Some attain this wisdom through wholly different means." The story is about Dan Davis, a track athlete, who's competing in the 100m in the Summer Olympic Games. He has set a world record time of 8.99 seconds, but his subsequent gold medal was revoked for drug use. He decides to compete again and break his own record to "prove them wrong." Despite support from his father and a young reporter, Dan's trainer tells him that he is physically unfit to race and that pushing himself too hard will cause a career ending injury. Dan is adamant on racing. On the day of the race, he is monitored by 4 agents located in the stadium. The race begins and Dan starts off strong. However, the muscles in his leg violently rupture, putting him at a setback and scaring many of the people in the stands. Through strong willpower, Dan ignores the injury and runs much faster than he did before, easily passing the other athletes. Before he can cross the finish line, 3 of the agents possess the 3 closest runners and try to stop him, but even they can't catch up to him. Dan's massive burst of energy in the Matrix causes his real-world counterpart to rip apart the plug connecting him to the Matrix, causing him to see the real world through his pod. A Sentinel restrains him back in his pod and violently shocks him with electrified restraints. Dan's mind is thrown back into the Matrix, but his body is exhausted from the race and what he has just seen, causing him to tumble to the ground at high speeds. Despite this, Dan easily won the race and broke his original time of 8.99 seconds with a time of 8.72 seconds. The next scene shows a crippled Dan being wheeled by a nurse through a hospital. A nearby agent calls his other agents to tell them that they erased Dan's memory of the race and that he will never walk again; he won't be an issue. However, Dan quietly whispers the word, "Free," angering the agent and telling him to sit back down. Davis then breaks free of the restraints in his wheelchair and takes a few steps before falling down again and being helped up by the nurse.

Beyond is written and directed by Koji Morimoto. It is a midquel short film, during the first or second installment of the trilogy. It follows a teenage girl, Yoko, looking for her cat Yuki. While asking around the neighborhood, indicatively somewhere in Japan, she meets some younger boys. One of them tells her Yuki is inside a "haunted house" and invites her to see it. The children have stumbled across an amalgamation of anomalies within an old, dilapidated building. They have learned to exploit this glitch in the Matrix for their own enjoyment, through several areas which seem to defy real-world physics: glass bottles reassemble after being shattered, rain falls from a sunny sky, broken lightbulbs flicker briefly, a door which opens into an endless dark void, shadows which do not align with their physical origins, and a dove's feather that rotates rapidly in place in mid-air. There is a large open space in the middle of the run-down building where they take turns jumping off a high point and falling towards the ground, yet somehow stopping inches before impact. This proves amusing and they do not seem to be bothered by the inherent strangeness of the place. Throughout the film, brief sequences show that Agents are aware of the problem in the Matrix, and a truck is seen driving toward the site to presumably deal with the problem. It arrives while the children are still playing, and an Agent-led team of "rodent exterminators" moves in to clear everybody out of it. The story ends when Yoko and the others return to the area the next day and find the site has been turned into an unremarkable parking lot. They unsuccessfully attempt to re-create the bizarre occurrences of yesterday and soon go in search of something else to do.

A Detective Story is written and directed by Shinichiro Watanabe, with animation by Kazuto Nakazawa and is a direct prequel to the first film. It follows the story of a down-on-his-luck private detective, Ash, on what he calls the "case to end all cases". Ash receives an anonymous phone call to search for a hacker that goes by the alias "Trinity". Ash traces Trinity and learns that other detectives have failed in the same task before him; one had committed suicide, one had gone missing, and one had gone insane. He then attempts to speak with the insane detective but cannot get anything substantial out of him. This detective is an African American with a thin mustache who shows a resemblance to Walter Mosley's detective character 'Ezekiel "Easy" Rawlins'. This is a possible homage to the character as Mosley's detective series is set in a similar Noir type setting and there were not many black detectives at the time. Eventually Ash finds Trinity after deducing that he should communicate using phrases and facts from Lewis Carroll's Alice's Adventures in Wonderland. She proposes a meeting, and he successfully finds the location. At the meeting she removes a "bug" from his eye, planted by Agents earlier in an "eye exam dream". Agents appear and attempt to apprehend Trinity in a shoot-out with her and Ash. While the two fugitives are trying to escape the train, an Agent attempts to take over Ash's body, forcing Trinity to shoot him in order to prevent the Agent from appearing. Ash is wounded, whereupon he and Trinity bid farewells without malice. Trinity escapes, telling Ash that she thinks he could have handled the truth. Agents enter the car to find Ash, who points his gun at them while looking in the other direction and lighting a cigarette. The Agents turn to Ash who, even though he is armed, will likely die. With this apparent no-win situation, the film ends with Ash's line as his lighter flame goes out.

Easy Rawlins Matriculated was written and directed by Korean American director Peter Chung, widely known for his work on Aeon Flux. Like Beyond, it is a midquel of the first or second film. The film deals with a group of above-ground human rebels who lure hostile intelligent machines to their laboratory in order to capture them and insert them into a "matrix" of their own design. Within this matrix, the humans attempt to teach the captured machines some of the positive traits of humanity, primarily compassion and empathy. The ultimate goal of this project is to help the intelligent machines develop free will in order to overcome their original "search-and-destroy" programming, rather than reprogramming it by force. The rebels' hope is that, once converted of its own volition, an "enlightened" machine will assist Zion in its struggle against the machine-controlled totalitarianism which currently dominates the Earth. After capturing one of the "runner" robots, the rebels insert the machine into their matrix. The experience of the robot leads it to believe it may have a relationship with one of the female rebels, Alexa, either friendship or something deeper. However, the rebel group is attacked by the Machines and unplug themselves to defend their headquarters, but they experience what might be considered a Pyrrhic Victory: all the onscreen rebels are killed but the single robot captured in the film successfully 'reprogrammed', indicated by the machine's mechanical eye changing from red to green. The robot plugs the dying Alexa into their matrix with itself, the only two things left surviving. Much to the machine's dismay, when the rebel realizes she is trapped inside the matrix with the "friendly" robot, she turns horrified and her avatar dissolves screaming as she clutches her head, and the robot exits from the rebels' matrix to see a motionless Alexa in front of him in the real world. The film ends with the 'converted' robot standing outside the headquarters of the human rebels, with a light on its back now turned back to the color red.

Final Flight of the Osiris was written by the Wachowskis and directed by Andy Jones,



with CG-animation production and design by Square Pictures, this segment is rated PG-13 by the MPAA for "Sci-Fi Violence, Sensuality and Language". The short is a direct prequel leading into the events of The Matrix Reloaded. Thadeus , a muscular man and an athletic woman called Jue engage in a blindfolded sword fight in a virtual-reality dojo. With each slice of their swords, they remove another piece of each other's clothing. Immediately after cutting the other down to their underwear, they lift their blindfold to peek at the other. As the two are about to kiss, they are interrupted by an alarm and the virtual reality simulation ends. In the next scene, the hovercraft Osiris is headed for Junction 21 when Robbie , the operator, picks up thousands of Sentinels on his HR scans. The ship flees into an uncharted tunnel, where it encounters another group of Sentinels patrolling the area. The crewmembers man the guns onboard and destroy the patrol. The ship then emerges on the surface, four kilometers directly above Zion and close to the army of Sentinels previously detected in the scan. Alerted to the Osiris's presence, the army of Sentinels pursue the ship. Captain Thadeus decides Zion must be warned, and his shipmate Jue volunteers to broadcast herself into the Matrix to deliver the warning while the ship is doggedly pursued. Jue and Thadeus admit to peeking at each other in the VR simulation. Entering the Matrix on a high rooftop, Jue jumps off and acrobatically makes her way down through structure work between two buildings. When she hits the ground in the alley below, a ripple effect is created by her impact. She drops off a package into a mail box. The package sets the prologue for Enter the Matrix. She attempts to contact Thadeus via a cell phone as the Osiris are overcome by Sentinels and crash. The Sentinels tear their way into the ship. At the time of the call, Thadeus is making a last stand to hold off the Sentinels. Shortly after Jue says "Thadeus" over her cell phone, the Osiris explodes, destroying many of the pursuing Sentinels. In the Matrix, Jue falls to the ground, dead, her body having been destroyed on the ship.

Categories: "Science Fiction", "Japanese Movies", "Adventure", "Animation", "Anime", "Drama", "Action"

Similarity: 0.155



#5

Title: Triumph of the Will (ID 565)

Summary:

The film begins with a prologue, the only commentary in the film. It consists of the following text, shown sequentially, against a gray background: { | border"0" cellspacing"width:50%; margin:auto; background: white; text-align: center; font-size: 95%" | style"background:#eee;" | 20 Jahre nach dem Ausbruch des Weltkrieges [20 years after the outbreak of the World War] | - | style"background:#eee;" | 19 Monate nach dem Beginn der deutschen Wiedergeburt [19 months after the beginning of the German rebirth] | - | style="background:#eee;" | flog Adolf Hitler wiederum nach Nürnberg, um Heerschau abzuhalten über seine Getreuen [Adolf Hitler flew again to Nuremberg to review the columns of his faithful followers] | } Day 1: The film opens with shots of the clouds above the city, and then moves through the clouds to float above the assembling masses below, with the intention of portraying beauty and majesty of the scene. The cruciform shadow of Hitler's plane is visible as it passes over the tiny figures marching below, accompanied by music from Richard Wagner's Die Meistersinger von Nürnberg, which slowly turns into the Horst-Wessel-Lied. Upon arriving at the Nuremberg airport, Hitler and other Nazi leaders emerge from his plane to thunderous applause and a cheering crowd. He is then driven into Nuremberg, through equally enthusiastic people, to his hotel where a night rally is later held. Day 2: The second day begins with a montage of the attendees getting ready for the opening of the Reich Party Congress, and then footage of the top Nazi officials arriving at the Luitpold Arena. The film then cuts to the opening ceremony, where Rudolf Hess announces the start of the Congress. The camera then introduces much of the Nazi hierarchy and covers their opening speeches, including Joseph Goebbels, Alfred Rosenberg, Hans Frank, Fritz Todt, Robert Ley, and Julius Streicher. Then the film cuts to an outdoor rally for the Reichsarbeitsdienst , which is primarily a series of pseudo-military drills by men carrying spades. This is also where Hitler gives his first speech on the merits of the Labor Service and praising them for their work in rebuilding Germany. The day then ends with a torchlight SA parade in which Viktor Lutze speaks to the crowds. Day 3: The third day starts with a Hitler Youth rally on the parade ground. Again the camera covers the Nazi dignitaries arriving and the introduction of Hitler by Baldur von Schirach. Hitler then addresses the Youth, describing in militaristic terms how they must harden themselves and prepare for sacrifice. Everyone present, including General Werner von Blomberg, then assemble for a military pass and review, featuring Wehrmacht cavalry and various armored vehicles. That night Hitler delivers another speech to low-ranking party officials by torchlight, commemorating the first year since the Nazis took power and declaring that the party and state are one entity. Day 4: The fourth day is the climax of the film, where the most memorable of the imagery is presented. Hitler, flanked by Heinrich Himmler and Viktor Lutze, walks through a long wide expansion with over 150,000 SA and SS troops standing at attention, to lay a wreath at a World War I Memorial. Hitler then reviews the parading SA and SS men, following which Hitler and Lutze deliver a speech where they discuss the Night of the Long Knives purge of the SA several months prior. Lutze reaffirms the SA's loyalty to the regime, and Hitler absolves the SA of any crimes committed by Ernst Röhm. New party flags are consecrated by letting them touch the Blutfahne and, following a final parade in front of the Nuremberg Frauenkirche, Hitler delivers his closing speech. In it he reaffirms the primacy of the Nazi Party in Germany, declaring, "All loyal Germans will become National Socialists. Only the best National Socialists are party comrades!" Hess then leads the assembled crowd in a final Sieg Heil salute for Hitler, marking the close of the party congress. The entire crowd sings the Horst-Wessel-Lied as the camera focuses on the giant Swastika banner, which fades into a line of silhouetted men in Nazi party uniforms, marching in formation as the lyrics "Comrades shot by the Red Front and the Reactionaries march in spirit together in our columns" are sung.

Categories: "Culture & Society", "World cinema", "Black-and-white", "Propaganda film", "War film", "Political cinema", "Documentary"

Similarity: 0.154

Παρατηρούμε ότι οι προτάσεις αυτές είναι λιγότερο σχετικές με τις ταινίες, επομένως τα βήματα προεπεξεργασίας που εφαρμόσαμε επιφέρουν βελτίωση.

Θα δείξουμε και μερικά παραδείγματα ταινιών για τις οποίες δεν παράγονται ιδιαίτερως σχετικά αποτελέσματα.

In [ ]: contentRecommender(targetMovie = 618, corpusType = preprocessedTfidfMatrix, maxRecommendations = 3, commonWords = prepro

## 🔔 RECOMMENDATIONS FOR 🔔

Title: Monty Python's The Meaning of Life (ID 618)

### Summary:

The film begins with a stand-alone 17-minute supporting feature entitled The Crimson Permanent Assurance . A group of elderly office clerks in a small accounting firm rebel against their emotionlessly efficient, yuppie corporate masters. They commandeer their building, turn it into a pirate ship, and sail into a large financial districts, where they raid and overthrow a large multinational corporation. The film proper consists of a series of distinct sketches, broken into seven chapters. ;Part I - The Miracle Of Birth \* A woman in labour is taken into a hospital delivery room, where she is largely ignored by doctors and nurses, who are more concerned with using the hospital's most expensive equipment to impress the hospital's administrator . \* In Yorkshire, a Roman Catholic man with impossibly many children loses his job, leaving him with no way to feed his children. They discuss the church's opposition to the use of contraception, leading into the musical number "Every Sperm Is Sacred". Watching this unfold, a Protestant man proudly lectures his wife on their church's tolerance towards having intercourse for fun, although his frustrated wife points out that they never do. ;Part II - Growth and Learning \*A school master and chaplain conduct a non-sensical Anglican church service in an English public school. The master lectures the boys on excessively detailed school etiquette regarding the school cormorant, and hanging clothes on the correct peg. In a subsequent class, the schoolboys watch in boredom as the master gives a sex education lesson, by physically demonstrating techniques with his wife . Later, a team of boys is beaten - physically and on the scoreboard - in a violent rugby match against the masters. ;Part III - Fighting Each Other \* A World War I officer attempts to rally his men to find cover during an attack, but is hindered by their insistence on celebrating his birthday, complete with presents and cake. \* A blustery army RSM attempts to drill a platoon of men, but ends up left alone when he dismisses each to pursue leisure activities. \* In 1879, during the Anglo-Zulu War in Natal, a devastating attack by Zulus is dismissed in lieu of a far more pressing matter: one of the officers has had his leg bitten off during the night. The military doctor hypothesises that, despite not being native to Africa, a tiger might be the perpetrator. A hunting party is formed, which encounters two suspicious men dressed in two halves of a tiger suit, who attempt to assert their innocence through a succession of increasingly feeble excuses as to why they are dressed as a tiger. ;The Middle of the Film \* A woman , as if on a talk-show called "The Middle of the Film" introduces a segment called "Find The Fish" - a brief surreal piece in which a drag queen , a gangly playboy , and an elephant-headed butler eerily challenge the audience to find a fish in the scene. ;Part IV - Middle Age \* A middle-aged American couple heads to a dungeon-themed Hawaiian restaurant at a holiday resort. They are presented with a menu of conversation topics by the waiter , and choose philosophy and the meaning of life. Their awkward and generally uninformed conversation quickly grinds to a halt, and they send it back, complaining "this conversation isn't very good." ;Part V - Live Organ Transplants \* Two paramedics arrive at the doorstep of Mr Brown, a card-carrying organ donor , to claim his liver, gruesomely operating on him against his will. Cleese's paramedic unsuccessfully attempts to chat up Mrs Brown, then requests her liver as well. She initially declines, but after a man sings a song about man's insignificance in the universe , she agrees. \*In a large corporate boardroom, a businessman straight-forwardly summarises his two-part report on the meaning of life: that the human soul must be "brought into existence by a process of guided self-observation", which rarely happens; and that "people aren't wearing enough hats." This is followed by an attempted takeover of the building by the Crimson Permanent Assurance from the short feature. ;Part VI - The Autumn Years \* A posh restaurant, complete with a pianist , is visited by Mr. Creosote , an impossibly fat man in his autumn years. He swears at the unflappable maître d' , projectile vomits copiously, and orders and finishes an enormous meal and a huge quantity of beer and wine - to the disgust of other patrons. After finishing, the maître d' offers him a small after-dinner mint, before running and hiding to watch Creosote explode, showering the restaurant with human entrails and vomit. Afterwards, two of the restaurant's staff offer their own thoughts on the meaning of life. ;Part VII - Death \*A condemned man is allowed to choose the manner of his execution: being chased off the edge of a cliff by a horde of topless women. \*The Grim Reaper visits an isolated country house, and finds himself invited into a dinner party. Not knowing who he is, the dinner guests spend a lot of time arguing with him before finally being persuaded to shuffle off their mortal coils. \*The dinner guests arrive in Heaven, a bright Las Vegas-style hotel where every day is Christmas. In a large auditorium filled with characters from throughout the movie, a cheesy Tony Bennett-like lounge singer performs the song "Christmas in Heaven". ;The End of the Film \*The hostess from "The Middle of the Film" is handed an envelope containing the meaning of life, and nonchalantly reads it out: :Try and be nice to people, avoid eating fat, read a good book every now and then, get some walking in, and try and live together in peace and harmony with people of all creeds and nations.

Categories: "Cult", "Parody", "Satire", "Comedy", "Black comedy"



#1

Title: Flash Point (ID 2113)

### Summary:

Set in pre-1997, before the return of Hong Kong to the People's Republic of China, the film opens with brothers Archer, Tony and Tiger discussing a drug deal with Sam, a rival gang leader. Ma Jun, a serious criminal investigations detective, along with a team of police officers, raids the nightclub for investigation, and winds up fighting against his partner, Wilson, who has been planted as a mole. The three brothers are later attacked by Sam and his gang who are impatient over receiving the drugs from the brothers' native Vietnam. Archer and his brothers later threaten the elder leaders of their gang, when they attempt to intervene. Tiger is later assigned to kill Sam out in public, but the plan backfires when Wilson intervenes. While in hospital, Sam agrees to testify in court against the three brothers. On the night of their mother's birthday, the brothers plan to recover their drug money, but as the heist is being performed, Archer is arrested by Hong Kong police, while Tony and Tiger discover that Wilson is a mole. While in court, Archer is forced to turn in all of his travel documents, in hope that he will not flee from Hong Kong before his hearing. Tiger and Tony brutally murder Sam along with several other witnesses and crime figures crucial to the police investigation. After their first plan to kill Wilson fails, Tony and Tiger decide to sneak into a hospital guarded by police. Ma discovers that Tiger, disguised as a janitor, is in the building and goes after him, they both end up being in the same elevator where Tiger attempts to kill Ma with a silenced pistol. Here they engage in a grueling fight, a female police officer runs into the elevator and tries to help Ma but ends up getting shot in the heart by a stray bullet after hesitating to shoot Tiger. Tony, having kidnapped Wilson's girlfriend, Judy, threatens to kill her, if Wilson, now a sole witness, testifies in court. Ma chases Tiger when he tries to escape until he squares off against Tiger inside a restaurant, and brutally beats him to death in front of a crowd after Tiger severely injures a little girl by throwing her on the concrete. During the court hearing, Wilson refuses to testify, and the case is dismissed for lack of evidence. Wilson later attempts to rescue Judy, but is captured by Tony and his gang. Once Archer walks free, Ma holds him captive, and calls his brother, Tony, for an exchange of hostages, leading to a confrontation in a Chinese village. Ma singlehandedly takes on the remaining gangsters, and engages in a grueling fight with Tony, whom he later arrests.

Categories: "Thriller", "Crime Fiction", "World cinema", "Action/Adventure", "Martial Arts Film", "Crime Thriller", "Action", "Chinese Movies"

Similarity: 0.130

Common words: {'toni', 'restaun', 'perform', 'birthday', 'turn', 'public', 'attempt', 'agre', 'attack', 'lead', 'hospit', 'walk', 'dismiss', 'offic', 'team', 'night', 'tiger', 'nativ', 'chase', 'discuss', 'build', 'fight', 'raid', 'death', 'people', 'later', 'call'}

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#2

Title: Miracle Fish (ID 2902)

Summary:

8 year old Joe wakes up on his 8th birthday. His mum drops him off late to school, saying that there is a present in his lunch box. Feeling miserable, Joe goes through class and break time, being bullied at both turns. He finds that his present is a 'Miracle Fish,' a piece of plastic in the shape of a fish that you place in your hand and what it does determines your future. Joe places it in his hand and it says that he is compassionate. The bullies appear and afterwards, Joe sneaks off to sick bay. He falls asleep until after 1:00 p.m.. He wanders around the school finding it completely abandoned. He plays around, writing on the walls, taking food from the canteen, skateboarding along the hallways. In the auditorium, he finds a book about alien abduction, and ponders if that is what happened to the students and teachers. After some time, he hears running water and goes into the teachers staffroom to find a tap has been turned on. He turns it off, and leaves the room, closing the door behind him, not noticing the bloody hand print on the back of it. A short while later, he hears a phone ringing and goes into a classroom to investigate. He finds a teachers phone in her desk and answers it to hear a strangers voice on the other end. After a few moments, with the voice asking Joe who he is, it urges him to find a place to hide. It is too late though, as a man with a rifle enters the room with bloodstains on his clothes. Joe, not understanding the situation, asks the man if he is injured, and the man begins talking about how life is meant to be able to go in any direction you choose, but in reality it doesn't "You can't turn 65 cents into a dollar." Joe notices a laser dot on his forehead, and the man is quickly shot and killed by police who flood the room, grabbing up Joe, and checking that the man who took over the school and possibly killed a teacher is dead.

Categories: "Short Film"

Similarity: 0.105

Common words: {'cloth', 'hand', 'short', 'afterward', 'back', 'fish', 'find', 'happen', 'leave', 'begin', 'hide', 'birthday', 'book', 'class', 'present', 'turn', 'school', 'choose', 'life', 'quickly', 'room', 'time', 'miracle', 'auditorium', 'piece', 'complete', 'year', 'later'}

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#3

Title: The Animatrix (ID 825)

Summary:

The plot-summaries of the shorts are listed below in the order that they run in the DVD release, which is not the chronological order. Chronologically, the order would be: \*The Second Renaissance - a prequel set generations before the original film, The Matrix, relating how humans built artificially intelligent Machines, the apocalyptic war between the two, ending with the Machines enslaving the human race and the initial creation of The Matrix virtual reality. \*A Detective Story - a stand-alone story in which the character Trinity appears, but independently of any other characters. Because Trinity is present it takes place at least within several years of the films, and though it is not made clear within the cartoon if it takes place before or after Trinity met Neo in the original film, another official source places it before the events of The Matrix. Matrix Universe poster, included in Enter the Matrix: Official Strategy Guide, Bradygames, 2003. \*Kid's Story - set during the six month gap between the events of the first and second films, after Neo joins the crew of the Nebuchadnezzar in freeing other humans from the Matrix. Its events are briefly alluded to in dialogue at the beginning of The Matrix Reloaded. \*Final Flight of the Osiris - takes place directly before The Matrix Reloaded, as the hovercraft Osiris stumbles upon the Sentinel army digging to Zion. At the beginning of The Matrix Reloaded, Niobe mentions that their reconnaissance photos of the Machine army were transmitted from the Osiris. The other four shorts are independent of the events of any other installment. While they generically deal with the virtual reality of the Matrix, and the Zion rebels, conceivably they could take place at any point in the generations-long struggle between the human rebels and the Machines running the Matrix. Like the Matrix trilogy, the entire movie except The Final Flight of the Osiris was rated R by the MPAA mainly for its Sci-Fi violence. When it was released on DVD, it was unrated. The Second Renaissance is a two-part film written and directed by Mahiro Maeda. He used Bits and Pieces of Information written by the Wachowskis as a prequel to the series as a base for the first part. With increasing numbers of people released from all laboratories, the human population has become lazy, arrogant, and corrupt. Despite this, the machines were content with serving humanity and, as the narrator states, "for a time, it [the status quo] was good". This phrase is a reference to one of the most famous phrases of Genesis, consistent with the Biblical references seen throughout the original Matrix films, and is one of numerous references to Genesis in particular present in "Second Renaissance". The relationship between humans and machines changes in the year 2090, when a domestic android is threatened by its owner. The android, named B1-66ER in what appears to be a reference to the character Bigger Thomas from the novel Native Son, then kills the owner, his pets, and a mechanic instructed to deactivate the robot. This murder is the first incident of an artificially intelligent machine killing a human. B1-66ER is arrested and put on trial, but justifies the crime as self-defense, stating that it "simply did not want to die". During the trial scene, there is a voice-over of Clarence Darrow quoting a famous line from the Dred Scott v. Sandford case in 1856 in his closing statement, which implicitly ruled that African Americans were not entitled to citizenship under United States law. Using this as a precedent, the prosecution argues that machines are not entitled to the same rights as human beings, and specifically that human beings have a right to destroy their property, while the defense urges the listener not to repeat history, and to judge B1-66ER as a human and not a machine. B1-66ER loses the court case and is destroyed. Across the industrialized world, mass civil disturbances erupt when robots and their human sympathizers rise in protest. World leaders fear a robot rebellion, and governments across the planet initiate a major program to destroy all humanoid machines. News reports show rioting in American and Western European cities such as Chicago and Berlin, alongside the peaceful "Million Machine March" on the Albany district courthouse where B1-66ER was sentenced. Visual references are made to such incidents as General Nguyễn Ngọc Loan's execution of Viet Cong officer Nguyễn Văn Lém, the Tank Man standoff following the Tiananmen Square protests of 1989, the Al-Aqsa Intifada and The Holocaust. Some robots escape destruction when humans, in their greed, still want the robots to work and produce things for them. The machine population is exiled, and they create their own nation in the Middle East, named Zero One. According to the narrator, the robots built Zero One in "the cradle of human civilization", an allusion to the Fertile Crescent, apparently located in Saudi Arabia's "Empty Quarter" which is devoid of human life. Essentially ghettoized at Zero One, the machines establish their own industrial base there and begin to produce efficient, highly advanced artificial intelligence, echoing Vernor Vinge's thoughts on a technological singularity. The new nation excels at manufacturing high-tech consumer products, and before long, Zero One's consistent export of cheap, reliable, mass-produced goods begin to undercut the global economy. The United Nations Security Council calls an emergency economic summit at UN headquarters in New York City, resulting in UN delegates approving of a global economic blockade of Zero One that echoes the Cuban Missile Cr

isis. Two robotic ambassadors, built as a mechanical Adam and Eve, are sent by the leaders of Zero One to peacefully request the admission of their state to the United Nations as a prelude to settling the economic crisis peacefully. Despite their peaceful intentions, the ambassadors are forcibly removed from the chamber, and their application is rejected. As this scene unfolds, the narrator states that "this was not the last time the machines would take the floor there" foreshadowing the end of Part II. Part I ends as the Security Council debates the issue of short-sightedly declaring war on the Machine Empire. Part II opens with United Nations aircraft unleashing a massive nuclear bombardment on Zero One. The nuclear carpet bombing devastates the machine city, but is unsuccessful in destroying many elements of the mechanical population, given that the machines did not have the same weaknesses to the bombs' fallout and heat as humans. The machines retaliate by unleashing their armies to conquer neighboring human countries, triggering a world war between the United Nations and Zero One. Unfortunately, most of the world's industrial output is already based in Zero One, as the lazy humans had grown accustomed to not producing things for themselves. Despite their best efforts, human troops are unable to hold back Zero One's relentlessly efficient onslaught, and slowly retreat. As the machine forces push deeper across the planet, military leaders begin to pursue increasingly desperate solutions. At a summit of political and military leaders from around the world, unanimous approval is given to a plan code-named "Operation Dark Storm", which aims to cut the machines off from the sun, their primary energy source. The plan is executed in 2095, with high altitude bombers dispersing sky-darkening nanomachines into the air, while the human armies simultaneously launch a ground offensive against the machine forces. The plan is initially successful, although many of the human nations' long-range weapons systems are also disabled by the lack of sunlight. With their high-tech weapons rendered useless, human commanders are forced to launch close-quarters infantry engagements, supported by electromagnetic artillery fire and armored assaults using atomic tanks and powered armor. Heavy losses are taken on both sides, but the Machines gradually gain the upper hand. Legions of a new model of machine, no longer in humanoid form and appearing more like the insectoid or cephalopod-like Sentinels and others of the Matrix films, overrun the human armies. This coincides with the destruction of original man-made robots at the hands of human forces and, as a result, the further dehumanization of the rapidly emerging machine collective. As the machine armies swarm across the human defenses, the United Nations, in desperation, fires nuclear missiles directly at the machine armies, vaporizing their own troops in the process. To make up for the lack of solar power, the machines begin capturing human prisoners and using their bodies to power large biomechanical tanks, which quickly cut through the dwindling human artillery. As the expanding armies of Zero One overrun Eurasia, they unleash lethal biological weapons which further ravage humanity. Eventually brought to its knees by the might of the machine army, the Security Council calls a global summit at U.N. headquarters to sign an armistice and end the war. Zero One's machine ambassador signs the peace treaty with a barcode, in which the humans agree to surrender their remaining territories to the machines. "Your flesh is a relic, a mere vessel. Hand over your flesh and a new world awaits you. We demand it" are the only words the machine utters before it detonates a nuclear bomb in the meeting chamber, killing most of the planet's leaders and destroying New York City, one of the few remaining human settlements. In 2102, the machines crush the leaderless remnants of the human armies, and the war ends. Zero One is victorious, but it is a Pyrrhic victory: the planet has been devastated by the war and by the crippling ecological impact of the Dark Storm shroud, which the machines are unable to remove. In need of a new energy source, the machines adapt their bioelectric tank technology to build vast human-stocked power stations, using their bodies' waste-energy to catalyze a powerful fusion reaction, in which in its making the Humans endure many days of agonising torture, and at its completion, the Machines create the computer-generated virtual reality of the Matrix, to keep their prisoners sedated by feeding the virtual world into the prisoners' brains, starting with the first prototype Matrix. Kid's Story was written by the Wachowskis and directed by Shinichiro Watanabe, with animations by Kazushiko Nozawa and production design by Studio 4°C, Tokyo. It is the only one of the animated shorts contained in The Matrix in which Neo appears. The short takes place during the six month gap between The Matrix and The Matrix: Reloaded, during which time Neo has joined the crew of the Nebuchadnezzar and is helping the rebels to free other humans from the Matrix. Kid is a disaffected teenager who feels there is something wrong with the world, frequenting hacker chatrooms on the internet and wondering if he is alone. In school, he absent-mindedly scribbles "Neo lives" in his notebook. One day he receives a personal invitation from Neo to escape the Matrix. The following day, he receives a call from Neo on his cell phone, and is chased through his high school by a band of Agents, before ultimately being cornered on the roof. He asserts his faith in Neo, and throws himself from the roof, whereupon the other characters are shown holding his funeral. The short fades up from black as the Kid awakens in the real world to see Neo and Trinity watching over him. They remark that he has achieved "self substantiation", which was considered impossible. In both the short itself and The Matrix Reloaded, however, the Kid seems to believe it was Neo's actions, not his own, that saved him. Self-substantiation is never thoroughly discussed in any part of the series. Morpheus speaks of the founder of Zion who freed himself, presumably without external help. However, this was revealed to be a ruse by the machines. Kid's Story and World Record both heavily hint at this as the viewer wonders how a man being awoken from one of those pods, apparently helpless, could somehow build and start a city. Program was written and directed by Yoshiaki Kawajiri. The character designs were done by Yutaka Minowa. In case with Beyond and Matriculated it is also a midquel of the first or second film. It follows the protagonist, "Cis", who is engaged in her "favorite simulation": a battle program set in feudal Japan. After successfully eliminating an attacking enemy cavalry, a lone samurai appears whom Cis recognizes as "Duo". "Cis" made her first appearance as an image in The Matrix Reloaded. Initially, the two duel as allies, testing one another's fighting abilities. During the course of their duel, Duo briefly disarms Cis. He questions her concentration and wonders whether she regrets taking the Red Pill that took them out of the "peaceful life of the virtual world". They continue fighting until she finally overpowers Duo and is poised for the 'kill'. It is at this point that Duo states that he has "something to say". She sarcastically assumes that he wants to propose [marriage]; but instead he admits a desire to return to the Matrix; incredulous, Cis nevertheless responds that doing so is impossible as 'the truth' is already known to them, forbidding their re-integration. Duo reasons that reality is harsh and that he is tired of it. He adds that the Machines can make both of them forget the truth. Duo then states that he has disabled or killed the other crewmembers and contacted the Machines. He asks Cis to return with him to the Matrix, but she continues to refuse. As Duo becomes more aggressive in his arguments for returning, Cis attempts to escape while simultaneously warding off his attacks. Becoming increasingly uncomfortable with the situation, Cis requests an operator in order to exit the simulation. Duo tells her that no one can help her and reiterates that it "is already done...[the machines] are on their way". Thereafter their fighting becomes much more serious and forceful as they move from rooftop to rooftop. Duo, in a flying leap, attacks her from above with his sword. As the blade comes towards her, Cis, standing her ground, concentrates and halts its forward motion inches from her face and breaks it. She takes the broken end of the blade and thrusts it into Duo. Duo states his love for her as he dies. Suddenly, she wakes from the program and discovers that the encounter with Duo was a test program devised for training purposes. A man named "Kaiser" unsuccessfully assures her that she acted appropriately during the test and met the test's targets. Clearly upset, she punches him in the face and walks away. He remarks that "aside from that last part", she passed the test. World Record was created by Madhouse and directed by Takeshi Koike, with a screenplay by Yoshiaki Kawajiri and is also a midquel of the first or second film. The beginning of this short includes a short narration from the Instructor explaining details behind the discovery of the Matrix by "plugged-in" humans. Only exceptional humans tend to become aware of the Matrix, who have "a rare degree of intuition, sensitivity, and a questioning nature", all qual

ities which are used to identify inconsistencies in the Matrix. This is not without exceptions, given that "Some attain this wisdom through wholly different means." The story is about Dan Davis, a track athlete, who's competing in the 100m in the Summer Olympic Games. He has set a world record time of 8.99 seconds, but his subsequent gold medal was revoked for drug use. He decides to compete again and break his own record to "prove them wrong." Despite support from his father and a young reporter, Dan's trainer tells him that he is physically unfit to race and that pushing himself too hard will cause a career ending injury. Dan is adamant on racing. On the day of the race, he is monitored by 4 agents located in the stadium. The race begins and Dan starts off strong. However, the muscles in his leg violently rupture, putting him at a setback and scaring many of the people in the stands. Through strong willpower, Dan ignores the injury and runs much faster than he did before, easily passing the other athletes. Before he can cross the finish line, 3 of the agents possess the 3 closest runners and try and stop him, but even they can't catch up to him. Dan's massive burst of energy in the Matrix causes his real-world counterpart to rip apart the plug connecting him to the Matrix, causing him to see the real world through his pod. A Sentinel restrains him back in his pod and violently shocks him with electrified restraints. Dan's mind is thrown back into the Matrix, but his body is exhausted from the race and what he has just seen, causing him to tumble to the ground at high speeds. Despite this, Dan easily won the race and broke his original time of 8.99 seconds with a time of 8.72 seconds. The next scene shows a crippled Dan being wheeled by a nurse through a hospital. A nearby agent calls his other agents to tell them that they erased Dan's memory of the race and that he will never walk again; he won't be an issue. However, Dan quietly whispers the word, "Free," angering the agent and telling him to sit back down. Davis then breaks free of the restraints in his wheelchair and takes a few steps before falling down again and being helped up by the nurse.

Beyond is written and directed by Koji Morimoto. It is a midquel short film, during the first or second installment of the trilogy. It follows a teenage girl, Yoko, looking for her cat Yuki. While asking around the neighborhood, indicatively somewhere in Japan, she meets some younger boys. One of them tells her Yuki is inside a "haunted house" and invites her to see it. The children have stumbled across an amalgamation of anomalies within an old, dilapidated building. They have learned to exploit this glitch in the Matrix for their own enjoyment, through several areas which seem to defy real-world physics: glass bottles reassemble after being shattered, rain falls from a sunny sky, broken lightbulbs flicker briefly, a door which opens into an endless dark void, shadows which do not align with their physical origins, and a dove's feather that rotates rapidly in place in mid-air. There is a large open space in the middle of the run-down building where they take turns jumping off a high point and falling towards the ground, yet somehow stopping inches before impact. This proves amusing and they do not seem to be bothered by the inherent strangeness of the place. Throughout the film, brief sequences show that Agents are aware of the problem in the Matrix, and a truck is seen driving toward the site to presumably deal with the problem. It arrives while the children are still playing, and an Agent-led team of "rodent exterminators" moves in to clear everybody out of it. The story ends when Yoko and the others return to the area the next day and find the site has been turned into an unremarkable parking lot. They unsuccessfully attempt to re-create the bizarre occurrences of yesterday and soon go in search of something else to do.

A Detective Story is written and directed by Shinichiro Watanabe, with animation by Kazuto Nakazawa and is a direct prequel to the first film. It follows the story of a down-on-his-luck private detective, Ash, on what he calls the "case to end all cases". Ash receives an anonymous phone call to search for a hacker that goes by the alias "Trinity". Ash traces Trinity and learns that other detectives have failed in the same task before him; one had committed suicide, one had gone missing, and one had gone insane. He then attempts to speak with the insane detective but cannot get anything substantial out of him. This detective is an African American with a thin mustache who shows a resemblance to Walter Mosley's detective character 'Ezekiel "Easy" Rawlins'. This is a possible homage to the character as Mosley's detective series is set in a similar Noir type setting and there were not many black detectives at the time. Eventually Ash finds Trinity after deducing that he should communicate using phrases and facts from Lewis Carroll's Alice's Adventures in Wonderland. She proposes a meeting, and he successfully finds the location. At the meeting she removes a "bug" from his eye, planted by Agents earlier in an "eye exam dream". Agents appear and attempt to apprehend Trinity in a shoot-out with her and Ash. While the two fugitives are trying to escape the train, an Agent attempts to take over Ash's body, forcing Trinity to shoot him in order to prevent the Agent from appearing. Ash is wounded, whereupon he and Trinity bid farewells without malice. Trinity escapes, telling Ash that she thinks he could have handled the truth. Agents enter the car to find Ash, who points his gun at them while looking in the other direction and lighting a cigarette. The Agents turn to Ash who, even though he is armed, will likely die. With this apparent no-win situation, the film ends with Ash's line as his lighter flame goes out.

Easy Rawlins Matriculated was written and directed by Korean American director Peter Chung, widely known for his work on Aeon Flux. Like Beyond, it is a midquel of the first or second film. The film deals with a group of above-ground human rebels who lure hostile intelligent machines to their laboratory in order to capture them and insert them into a "matrix" of their own design. Within this matrix, the humans attempt to teach the captured machines some of the positive traits of humanity, primarily compassion and empathy. The ultimate goal of this project is to help the intelligent machines develop free will in order to overcome their original "search-and-destroy" programming, rather than reprogramming it by force. The rebels' hope is that, once converted of its own volition, an "enlightened" machine will assist Zion in its struggle against the machine-controlled totalitarianism which currently dominates the Earth. After capturing one of the "runner" robots, the rebels insert the machine into their matrix. The experience of the robot leads it to believe it may have a relationship with one of the female rebels, Alexa, either friendship or something deeper. However, the rebel group is attacked by the Machines and unplug themselves to defend their headquarters, but they experience what might be considered a Pyrrhic Victory: all the onscreen rebels are killed but the single robot captured in the film successfully 'reprogrammed', indicated by the machine's mechanical eye changing from red to green. The robot plugs the dying Alexa into their matrix with itself, the only two things left surviving. Much to the machine's dismay, when the rebel realizes she is trapped inside the matrix with the "friendly" robot, she turns horrified and her avatar dissolves screaming as she clutches her head, and the robot exits from the rebels' matrix to see a motionless Alexa in front of him in the real world. The film ends with the 'converted' robot standing outside the headquarters of the human rebels, with a light on its back now turned back to the color red.

Final Flight of the Osiris was written by the Wachowskis and directed by Andy Jones, with CG-animation production and design by Square Pictures, this segment is rated PG-13 by the MPAA for "Sci-Fi Violence, Sensuality and Language". The short is a direct prequel leading into the events of The Matrix Reloaded. Thadeus, a muscular man and an athletic woman called Jue engage in a blindfolded sword fight in a virtual-reality dojo. With each slice of their swords, they remove another piece of each other's clothing. Immediately after cutting the other down to their underwear, they lift their blindfold to peek at the other. As the two are about to kiss, they are interrupted by an alarm and the virtual reality simulation ends. In the next scene, the hovercraft Osiris is headed for Junction 21 when Robbie, the operator, picks up thousands of Sentinels on his HR scans. The ship flees into an uncharted tunnel, where it encounters another group of Sentinels patrolling the area. The crewmembers man the guns onboard and destroy the patrol. The ship then emerges on the surface, four kilometers directly above Zion and close to the army of Sentinels previously detected in the scan. Alerted to the Osiris's presence, the army of Sentinels pursue the ship. Captain Thadeus decides Zion must be warned, and his shipmate Jue volunteers to broadcast herself into the Matrix to deliver the warning while the ship is doggedly pursued. Jue and Thadeus admit to peeking at each other in the VR simulation. Entering the Matrix on a high rooftop, Jue jumps off and acrobatically makes her way down through structure work between two buildings. When she

e hits the ground in the alley below, a ripple effect is created by her impact. She drops off a package into a mail box. The package sets the prologue for Enter the Matrix. She attempts to contact Thadeus via a cell phone as the Osiris are overcome by Sentinels and crash. The Sentinels tear their way into the ship. At the time of the call, Thadeus is making a last stand to hold off the Sentinels. Shortly after Jue says "Thadeus" over her cell phone, the Osiris explodes, destroying many of the pursuing Sentinels. In the Matrix, Jue falls to the ground, dead, her body having been destroyed on the ship.

Categories: "Science Fiction", "Japanese Movies", "Adventure", "Animation", "Anime", "Drama", "Action"

Similarity: 0.098

Common words: {'hand', 'short', 'consist', 'devast', 'entitl', 'segment', 'never', 'good', 'rare', 'begin', 'execut', 'report', 'standalon', 'watch', 'halt', 'argu', 'throughout', 'unsuccess', 'school', 'assur', 'attack', 'request', 'official', 'team', 'effici', 'district', 'quickli', 'chase', 'broken', 'fight', 'ship', 'countri', 'mani', 'year', 'final', 'call', 'assert', 'finish', 'militari', 'peac', 'univers', 'mean', 'invit', 'find', 'alon', 'despit', 'turn', 'thought', 'lead', 'order', 'pursu', 'brief', 'explod', 'human', 'build', 'lose', 'complet', 'protest', 'contain', 'cloth', 'armi', 'back', 'success', 'arriv', 'ignor', 'group', 'scene', 'guid', 'initi', 'twopart', 'hous', 'number', 'increasingli', 'left', 'american', 'gener', 'brought', 'follow', 'head', 'feed', 'walk', 'rebel', 'life', 'subsequ', 'violent', 'live', 'world', 'discuss', 'physic', 'middl', 'command', 'piec', 'peopl', 'must', 'process', 'form', 'taken', 'might', 'nation', 'imposs', 'present', 'part', 'attempt', 'agre', 'learn', 'hospit', 'nurs', 'larg', 'oper', 'woman', 'children', 'support', 'nativ', 'unfold', 'point', 'time', 'charact', 'detail', 'seri', 'encount', 'toward'}

In [209...

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Title: Breeders (ID 3481)

When five Manhattan women are accosted under mysterious circumstances, the police think they have got a twisted serial rapist on their hands. But as Detective Dale Androtti and Dr. Gamble Pace soon discover, the reality is much worse. Tracing the source of the attacks underground, they find an unstoppable alien presence that has infested an abandoned subway system and begun to reproduce itself - by impregnating human women!

Title: Slightly Single in L.A. (ID 2029)

Dale Squire is a hip, quirky, independent single woman living in the glossy city of Los Angeles. After several failed attempts in quasi-relationships, Dale concludes that finding a meaningful relationship in L.A. is impossible. But being an ti-social is tough for any young girl in Hollywood. With Jill's frantic wedding right around the corner, Dale finds herself reflecting on the significance of marriage, and the mutual respect needed for a successful relationship. When Zach, a successful heartthrob rock star and old friend of Dale's finds his way back into her life, Dale slowly starts to think that maybe finding love in L.A. is possible - the only problem is that her realization might have come too late, leaving Dale in a silent love triangle, with no way out.

Similarity: 0.172

Title: Everynight ... Everynight (ID 1458)

Dale, a remandee, is awaiting a court hearing and yet to be sentenced, highlighting the horrific injustice of the repeated beatings he's subjected to. Although the first depicted beating lasts less than 3 minutes of screen time, the actual beating it was based on allegedly lasted a gruelling 7 hours. Initially Dale submits to the psychological and physical traumas of his situation. By day they attempt to break his spirit and sanity by forcing him to smash blue-stone with a pick, invoking images of Australia's convict heritage, while another inmate is compelled to perform more demeaning behaviour such as licking faeces off toilet doors. Gradually Dale becomes indifferent to the lashings and horrors of prison life and develops an alternative, subversive way to exist and express his rage. At one point Dale is depicted pacing his cell naked and mumbling incoherently. It seems as if the ego shattering experience has forced him to the verge of insanity. It's not until he claims : "I've resigned from this life" and urges the other inmates to do so as well, that we see method in his madness. By refusing to play the dehumanising prison game anymore the guards have lost their threat of psychological and physical suppression over him and he in turn has reaffirmed the power of the simple utterance of which he can never be deprived. Although contact between the inmates is strictly forbidden at night they manage to shout and finally communicate through the prison walls. "Unity in adversity!", Dale shouts beginning a chant which reverberates throughout the cells. Meanwhile Berriman, realising the threat of pure violence or psychological abuse is no longer effective starts to panic. As Dale walks defiantly from the prison in the last scene to be tried, the failure of the correctional system to produce docile, disciplined bodies pulls its last punch. Even if the system has enframed Dale he has maintained his sanity and his voice.

Similarity: 0.147

Title: Species II (ID 2913)

Roughly two years after the events of Species, an American space mission lands on Mars, and collects soil samples. Back on board, the temperature on the ship thaws out frozen DNA in the soil samples, which then attempts to infect the astronauts. The mission safely returns to earth to universal cheering. Only Dr. Cromwell, a scientist and now an inmate in an asylum, reacts to their return with violent fits. After their return, the three astronauts are examined and quarantined to prevent them from engaging in sexual intercourse for 10 days. However, one of the astronauts - Patrick Ross - immediately disregards the advice and sleeps with two women that night. During intercourse with the second woman, slimy tentacles emerge from his body. The woman notices him transforming into an alien when she touches his tentacles while rubbing her hands all over his body. Both women undergo an accelerated pregnancy in which their stomachs split open like a flower and half-alien children emerge, killing them in the process. Patrick hides the rapidly growing alien children inside a remote shed and, the next day, tries to confide in his father, an ambitious U.S. Senator, who ignores his problems. Under military supervision, scientists led by Dr. Laura Baker have created a more docile clone of Sil, named Eve, in an effort to understand the alien life form and prepare for defense should it ever arrive on earth. An isolated Eve - undergoing tests in the lab - shows signs of great physiological excitement every time Patrick has sex with women. At the space center, Dr. Orinsky is working on the astronauts' blood samples and urgently tries to contact Cromwell, his former colleague. Afterwards, Patrick's blood sample falls to the floor and seeps into the wall. When Orinsky examines the strange puddle, an arm bursts out of the wall and disembowels Orinsky. The arm is then revealed to be that of Patrick, who has somehow snuck into the lab. Analysis of the corpse reveals the presence of alien DNA, similar to, yet distinct from, Eve's. Baker is reunited with Press Lennox to contain the threat. The two contact Cromwell, who explains that Mars was rendered uninhabitable by an alien species, and that he was institutionalized to silence his opposition to the Mars mission. With the quarantine about to expire, Press and Laura begin searching for the astronauts. They find astronaut Anne Sampas, who is also infected with alien DNA. Unfortunately, by the time they locate her, she has just had unprotected intercourse with her human husband and has become impregnated with another alien offspring. The tube-like creature emerges from Anne's womb and latches onto the husband's face, presumably suffocating him and feeding on his organs. Press and Laura then break into the bedroom and discover the alien. They shoot the creature and then gas it to death as it retracts back into Anne's body. Anne and her husband also die in the process. Dennis Gamble is located and taken by government agents. Analysis of his blood reveals that he was not infected. Later on, he joins Press and Laura in their mission. After spending the night with his fiancée, Patrick wakes to find her mutilated body and another alien child. Horrified at what he has done, he shoots himself along with the last trace of the human psyche within him. His head immediately regenerates and he is reborn as a whole alien where the one thing on his mind is sex. Patrick has sex with as many women as he can impregnating them in the process, burying them next to his shed where he is accumulating a large virulent brood of alien children.



en. At the lab, the scientists activate Eve's alien DNA to telepathically track Patrick. Eve traces Patrick, who is about to rape another woman. However, Patrick also locates Eve and, in order to get closer to her, gives himself up to Press and Dennis. As he enters the lab, Eve shows signs of being in heat. Patrick tries to enter her isolation cell but is chased off by Laura, Dennis and Press. Informed of his son's condition, Ross refuses to be of help and instead meets Patrick at the shed. The two tearfully reconcile but Patrick's alien nature kills his father. Patrick then helps his alien children to cocoon, awaiting their rebirth as adults where his daughters will find human males to have sex with and his sons will find human females to have sex with while Patrick continues to have sex with human females until the human population is wiped out. Meanwhile, Laura finds out that Dennis has resisted infection due to his carrying a genetic flaw, and plans to infect the alien species with Dennis' DNA, as the species lacks immunity to human genetic diseases. As the team prepares, Eve breaks free from the lab to find Patrick. The team tails her, finds the shed and kills Patrick's brood. Eve and Patrick start to mate and transform into their alien forms, but are interrupted by Press. Alien-Patrick fights off Press and Dennis and also overpowers Alien-Eve, penetrating and killing her in the process. Press stabs Alien-Patrick in the back with a pitchfork coated with Dennis' blood, causing Alien-Patrick to eventually disintegrate. The military finally arrives and escorts Press, Laura and the injured Dennis. Eve's lifeless human body is loaded into the back of an ambulance. As the vehicle departs, Eve's womb begins to swell, indicating an imminent birth, as one of Patrick's children, who had not yet cocooned, looks on.

Categories: Science Fiction,Horror,Sci-Fi Horror

Similarity: 0.118

Common words: {'find', 'presenc', 'human', 'alien', 'hand', 'gamb1', 'discov', 'trace', 'impregn', 'women'}

Βλέπουμε ότι για την ταινία με ID 618 οι προτάσεις βασίζονται σε διάφορες κοινές λέξεις οι οποίες δεν έχουν κάποια ιδιαίτερη σημασία για το περιεχόμενο της ταινίας (π.χ. arrive, brought, toward, hand, choose, afterward). Για την ταινία με ID 3481 συμβαίνει κάτι ακόμα χειρότερο: δύο από τις τρεις ταινίες δεν έχουν καμία σχέση με την αρχική, εξαιρώντας την κοινή λέξη "Dale", που αποτελεί όνομα χαρακτήρα και επομένως δεν έχει καμία σημασία για το περιεχόμενο των ταινιών.

Βέβαια, και πάλι παρατηρούμε ότι δεν είναι όλες οι προτάσεις άσχετες (π.χ. η τρίτη πρόταση για την ταινία με ID 3481 είναι πράγματι πολύ παρόμοια).

## Περαιτέρω μείωση διαστατικότητας

Εκτελώντας την αντίστροφη διαδικασία βελτιστοποίησης, θα πειραματιστούμε με τις παραμέτρους του vectorizer για να δούμε πόσο μπορούμε να μειώσουμε τις διαστάσεις χωρίς να αλλοιωθεί η ποιότητα των προτάσεων. Συγκεκριμένα, θα θέσουμε άνω και κάτω όρια συχνότητας εμφάνισης των λέξεων (document frequencies), πέραν των οποίων οι λέξεις θα αγνοούνται.

```
In [ ]: parametrizedVectorizer = TfidfVectorizer(max_df = 0.999, min_df = 0.001)
parametrizedTfidfMatrix = parametrizedVectorizer.fit_transform(preprocessedDocuments).toarray()

print(parametrizedTfidfMatrix.shape)

(5000, 8673)
```

Αφού δοκιμάσαμε τιμές για τα max\_df και min\_df σε εύρος μερικών τάξεων μεγέθους, καταλήξαμε ότι οι παραπάνω επιτυχάνουν μεγάλη μείωση της διαστατικότητας χωρίς να αλλοιώνουν σημαντικά τα αποτελέσματα. Ταυτοχρόνως παρατηρούμε και αύξηση στις τιμές ομοιότητας. Προς επιβεβαίωση θα εκτυπώσουμε τα αντίστοιχα αποτελέσματα για τους ίδιους προηγούμενους τίτλους:

```
In [ ]: contentRecommender(targetMovie = 3538, corpusType = parametrizedTfidfMatrix)
```

## RECOMMENDATIONS FOR

Title: New Mexico (ID 3538)

### Summary:

Abraham Lincoln himself comes to New Mexico to discuss living together in peace with Acoma, a feared and respected Indian chief. He presents the chief with a cane as a gift and symbol of their friendship. Lt. Hunt is promoted due to his personal assistance to Lincoln in arranging the truce. Unhappily, a bigoted superior officer, Col. McComb, and the dastardly Judge Wilcox are opposed to any such treaty, and when Hunt states his objection, McComb has him placed under arrest along with Acoma and a number of Indian braves, also breaking the cane. Other members of the tribe break them out of jail, killing McComb and others in the process. Hunt takes command and cancels all travel in the region, angering a woman named Cherry who is planning a trip to Nevada. She arrogantly elects to leave anyway, as does Judge Wilcox, so a company of men led by Hunt goes along as escorts. Indians attack, frightening the woman and burying the judge in the sand. Hunt is disgusted with Cherry's selfish attitude and tells her so. She comes to know one of Acoma's sons, and when another uprising has fatal consequences for Indian warriors as well as Hunt, she and Acoma's son are lucky to have their lives spared.

Categories: "Western", "Action"



Title: Mission: Impossible – Ghost Protocol (ID 2696)

### Summary:

Impossible Missions Force agent Trevor Hanaway is killed by assassin Sabine Moreau while in Budapest, Hungary to intercept a courier working for a nuclear extremist code-named "Cobalt". Hanaway's team leader, Jane Carter, and newly promoted field agent, Benji Dunn, extract Ethan Hunt and Hunt's source, Bogdan, from a prison. Hunt is recruited to lead Carter and Dunn to infiltrate secret Kremlin archives and locate files identifying Cobalt. During the mission, someone broadcasts across the IMF frequency, alerting the Russians to the presence of Hunt's team. Although Dunn and Carter escape, a bomb destroys the Kremlin, and Russian agent Sidorov arrests Hunt, suspecting him as part of the attack. The Russians have called the attack an undeclared act of war, and the President of the United States activates "Ghost Protocol", a black operation contingency that disavows the IMF. Hunt and his team are to take the blame for the attack, but will be allowed to escape from government custody in order to track down Cobalt. Before Hunt can escape, the IMF's secretary is killed by Russian security forces led by Sidorov, leaving Hunt and intelligence analyst William Brandt to find their own way out. The team identifies Cobalt as Kurt Hendricks, a Swedish-born Russian nuclear strategist who plans to start a nuclear war. Hendricks bombed the Kremlin in order to acquire and use a Russian nuclear launch-control device; however, he now needs the activation codes from the Budapest courier in order to launch a nuclear missile at the U.S. The exchange between Moreau and Hendricks's right-hand man, Wistrom, is due to take place at the Burj Khalifa in Dubai, United Arab Emirates. There, Hunt's team members separately convince Moreau and Wistrom that they have made the exchange with one another. However, Moreau identifies Brandt as an agent. While Hunt chases Wistrom, only to realize that Wistrom is actually Hendricks in disguise, escaping with the codes, Carter detains Moreau. Moreau attempts to kill the inexperienced Dunn, and Carter kicks her out of a window to her death. Brandt accuses Carter of compromising the mission for revenge against Moreau, but Hunt accuses Brandt of keeping secrets from them, as he has displayed fighting skills atypical for an analyst. While Hunt seeks more information from Bogdan, Brandt admits he was a field agent assigned as security detail to Hunt and his wife, Julia Meade, in Croatia. While Brandt was on patrol, Julia was killed by a Serbian hit squad, prompting Hunt to pursue and kill them before he was caught by the Russians and sent to prison. Brandt blames himself for Julia's death and can't bring himself to admit his true identity to Hunt. Bogdan and his arms-dealer cousin inform Hunt that Hendricks will be in Mumbai, India. Hendricks facilitated the sale of a defunct Soviet military satellite to Indian telecommunications entrepreneur Brij Nath. The satellite could be used to transmit the order to fire a missile. While Brandt and Dunn infiltrate the server room to deactivate the satellite, Carter gets Nath to reveal the satellite override code. But Hendricks has anticipated Hunt's plan and turns off Nath's servers before sending a signal from a television broadcasting tower through the satellite itself to a Russian nuclear submarine to fire at San Francisco. Hunt pursues Hendricks and the launch device while the other team-members attempt to bring the broadcast station back online. Hunt and Hendricks fight over the launch-control device before Hendricks jumps to his death with it to ensure the launch. Dunn kills Wistrom, allowing Brandt to restore power to the station and enabling Hunt to deactivate the missile, while the fatally wounded Hendricks witnesses the failure of his plan. Hunt is then confronted by Sidorov, who sees Hunt has stopped the missile, proving the IMF is innocent in the Kremlin bombing. The team reconvenes weeks later in Seattle. Hunt introduces the team to longtime colleague Luther Stickell and then issues new assignments. Dunn and Carter accept, but Brandt refuses. Hunt reveals that Julia's death was staged, as he knew he could not protect her, and used her death as a pretext to infiltrate the prison and get close to Bogdan, an IMF source on Hendricks. Relieved of guilt, Brandt accepts his mission while Hunt watches Julia from afar. They share a smile before he embarks on his next mission.

Categories: "Thriller", "Action Thrillers", "Adventure", "Action/Adventure", "Glamorized Spy Film", "Action", "Spy"

Similarity: 0.267



Title: War Paint (ID 2182)

### Summary:

An Indian chief of the Arapahoe escapes the reservation where he has been living and takes along some of his warriors. The cavalry is sent out for them.

Categories: "Silent film"

Similarity: 0.227



Title: Almost Heroes (ID 3437)

### Summary:

Leslie Edwards, a foppish, wealthy, high-society aristocrat, and the loud, low-brow Bartholomew Hunt are competing against the renowned Lewis & Clark to be the first to chart and make it across the United States to the Pacific Ocean. In the beginning of the film, Edwards has high hopes to head the first expedition to make it across the U.S., but while he has ambition and funding, he has grown up sheltered and knows little of the wilderness he seeks to cross. To aid in his journey, he hires the services of a supposedly knowledgeable wilderness-man and tracker, Hunt, who, once they get underway, turns out to be less than advertised. Aided by a crew of varied, rugged and gristled frontiersmen, they are also joined by their group's version of Sacagawea, a young Indian woman by the name Shaquinna, who is integral in helping them find their way across the dangerous and unknown terrain ahead, as well as, eventually becoming Edwards' love interest. Along the way, the group goes through various mishaps and ordeals from having to deal with quirky, indigenous Indian tribes to vicious eagles, to running out of food and romantic snafus, as Hunt's ineptness often causes more problems than it solves. Along the way, Edward and Hunt's shared journey helps Edwards shed his aristocratic, snooty ways and learns camaraderie and honor, as well as a more humble view of a world he thought he understood. Hunt finds true friendship in Edwards and a sense of self-confidence he had not known before. After many hardships and setbacks, they eventually make it t

o the Pacific coast just minutes before Lewis and Clark's expedition. Once the celebration is over, however, they find that they don't necessarily want to go back to their old lives and collectively decide to continue their adventure, leading Edwards and Hunt's expedition to further explore the great uncharted world.

Categories: "Western", "Adventure Comedy", "Comedy", "Adventure"

Similarity: 0.222



Title: The Last Hunt (ID 4639)

Summary:

Sandy McKenzie sets out on his last hunt with his long-time partner, the obsessive Charles Gilson ([Robert Taylor]. While McKenzie has grown tired of buffalo hunting, Gilson derives a pleasure from his "stands" - killing an entire herd of buffalo at one time. When Gilson chases down and kills an Indian raiding party, he takes an Indian woman and her child captive. The presence of the native woman causes tension and Gilson becomes increasingly paranoid and deranged, leading to a stand-off between the two former partners.

Categories: "Western"

Similarity: 0.218



Title: The Goddess of Lost Lake (ID 1823)

Summary:

The story is about a young woman who is a quarter Native American Indian, Mary Thorne, who returns to the home of her prospector father, Marshall Thorne, after completing her education in the East. She has a college degree and an air of refinement. While her father is away hunting for gold at Lost Lake, Mary enjoys the freedom of his mountain cabin. When two hunters on a hunting expedition, Mark Hamilton and Chester Martin, show up and visit the cabin she decides to put on Indian clothing and pretend she is a full-blooded Indian princess for fun. Both men are attracted to the Indian maiden and Hamilton falls deeply in love with her. Martin, however, is contemptuous of her Indian background. When Mary hears him making derisive remarks about the Indian race, she returns to her father's cabin. Martin follows her home, enters her bedroom, and attacks her. Hamilton comes to her rescue and prevents Martin from raping her. He then looks around the room and sees the modern decor. Realizing that Mary is a young woman of culture and education, he becomes angry because she fooled him and leaves. Meanwhile, while Mary's father is searching for gold, which legend has it is at the bottom of Lost Lake, a legend that also says a white man who once stole some of the gold killed an Indian prince and a white man's blood must fall before anymore gold can be taken, he is killed by an Indian guard at Lost Lake. Mary inherits the gold that her father discovered. Hamilton, who cannot forget her, comes back and they are married.

Categories: "Silent film"

Similarity: 0.209

```
In [ ]: contentRecommender(targetMovie = 475, corpusType = parametrizedTfidfMatrix)
```

## RECOMMENDATIONS FOR

Title: Spinach Fer Britain (ID 475)

## Summary:

The short opens with five Nazi soldiers patrolling the coast Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly with draws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazis U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggiest and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short irises out.<http://www.youtube.com/watch?v=0Ho91px5YTs>

Categories: "Short Film", "Comedy film", "Animation", "Propaganda film", "War film"



Title: Action in the North Atlantic (ID 223)

## Summary:

The oil tanker mastered by Capt. Steve Jarvis is sunk in the north Atlantic Ocean by a German U-boat. He and the first officer, his friend Joe Rossi, make it to a lifeboat along with other crewmen. When the U-boat crew starts filming their plight they respond with rude gestures and are rammed. The men swim to a raft and are rescued after 11 days adrift. During their brief liberty, Steve spends time with his wife Sarah, while Joe meets and marries singer Pearl O'Neill. The film cuts to the union hall where merchant seamen--including the survivors of Jarvis' last ship--spend their time waiting to be assigned to a new ship. Over a round of poker, Pulaski jokes about getting a shore job. When pressed by other seamen, Pulaski reveals his fear of dying at sea. The others shame him into signing along with them for another ship. Another sailor, "Boats" O'Hara, is tracked down by his wife, whom he's apparently not seen since being rescued. She angrily serves him with a summons. O'Hara, knowing he's headed back to sea, gleefully tears the summons up, saying "them 'Liberty Ships' are well named". Then it is back to sea on a new Liberty ship, the SS Seawitch, on a convoy carrying vital war supplies to the Soviet port of Murmansk. Convoy 211 is attacked by a wolfpack, a group of German U-boats that hunt for convoys. There are losses on both sides, but the convoy commander is forced to order his ships to disperse. One persistent U-boat chases after the Seawitch, but loses contact in the night. A pair of Heinkel He 59 seaplanes find the freighter and attack. Both are shot down, but the second crashes into the bow. Steve is shot in the leg during the battle; Joe has to take command. The U-boat sights the ship again and hits her with a torpedo. Joe orders the men to set fires and make smoke so that it appears as if the ship is sinking. When the submarine surfaces to finish her off, Joe rams and sinks it. The Seawitch then limps into Murmansk to a warm Russian welcome.

Categories: "Black-and-white", "Action/Adventure", "Drama", "War film", "Action", "Combat Films"

Similarity: 0.347



Title: Jungle Drums (ID 2744)

## Summary:

Deep in the jungle, a tribe of aboriginal warriors is having a celebration. Their leader is a tall man in a white cloak. Secretly, he's really a Nazi commander, and the tribe's sacred temple is really an underground Nazi outpost. The Nazis eagerly await the arrival of an American convoy with information about an Allied attack. When a military plane flies overhead, the Nazis shoot it down. The commander sends the warriors to search for survivors. At the wreck site, the mortally wounded Lieutenant hands his secret documents to the crew's only survivor, Lois Lane. He tells her to destroy the documents. Then he dies. Lois is caught by the natives and tied up, but frees herself runs into the jungle and avoids capture long enough to hide the documents under a rock. She is then captured and brought back to the temple for interrogation where she is tied to a chair. When she refuses to talk, the commander orders the warriors to burn her at the stake. Meanwhile, Clark Kent and another pilot are flying out to meet with Lois's convoy. They spot the wrecked plane not far from the aboriginal village. Clark parachutes down to investigate. Once on the ground, he changes into Superman. He flies to the village. Lois is already being burned at the stake with the commander watching her. Just then, one of the warriors approaches the commander and gives him a set of papers. It's the documents Lois hid in the woods. Overjoyed with success, the commander has his men radio headquarters and send the Nazi U-boats to attack the Allied fleet. Clark arrives and saves Lois from burning to death. When the warriors see a man who can walk through fire, they run in terror. The Nazi soldiers futilely fight back against Superman. Meanwhile, Lois takes a spare white cloak and sneaks in to use the radio. The commander catches her, but before he can do anything to stop her, Superman comes to her rescue. She sends a message to the American headquarters, warning them about the Nazi subs. Out at sea, the Nazi subs prepare to decimate the Allied fleet. Before they can attack, they are bombed by a squadron of Allied bombers sent in response to Lois's warnings. The subs are destroyed, and the Allied fleet is saved. Meanwhile in Berlin, Adolf Hitler listens to a newsflash about the defeat of his U-boat force. Angrily, he flips a switch on the radio and hangs his head in frustration as the tune "Praise the Lord and Pass the Ammunition" plays as the cartoon fades out.

Categories: "Short Film", "Superhero movie", "Action", "Superhero", "Animation"

Similarity: 0.302



Title: Sealed Cargo (ID 3512)

## Summary:

In 1943, at the height of the World War II Battle of the Atlantic, Captain Pat Bannon, skipper of the fishing trawler Daniel Webster, unloads his catch in his home port of Gloucester, Massachusetts. He reluctantly agrees to transport Margaret McLean to Trabo, a small community in Newfoundland. Shorthanded, he hires Danish sailor Konrad, and the Daniel Webster sails for the Grand Banks fishing grounds. Once at sea, Holger reports that the radio has been sabotaged. As Bannon knows all of the crew well except for Konrad and fellow Dane Holger, he suspects one of them or even Margaret of being a German agent. Sailing at night in heavy fog, they hear gunfire. They search for survivors and come upon the damaged Den Margrethe Kvinde, a Danish square rigged sailing ship. She appears to have been damaged in a storm and then shelled. Aboard, they discover only the dazed Captain Skalder and a dead body. He claims that his crew abandoned ship in a storm, and that

t he was subsequently attacked by a U-boat. The Daniel Webster tows the stricken Kvinde to Trabo. Konrad is suspicious: he notes that the German gunfire hit above the waterline , and that while the tarpaulin covering the ship's boat is riddled with bullet holes, the boat itself is undamaged. Bannon and Konrad separately sneak below decks to search the hold. When they meet, Konrad has a pistol, but he gives it to Bannon to prove where his loyalties lay. They accidentally discover a second, hidden hold containing rack upon rack of torpedoes – the ship is a tender, covertly resupplying the U-boat "wolfpacks". They watch undetected as Holger enters the hold and uses a radio to signal the Germans. However, before the pair can alert the military, Skalder's crew arrives in boats, so they pretend they know nothing. Skalder plans to resupply the U-boats at Trabo. A Canadian flying boat lands in the harbor, and an officer inspects Skalder's papers. Finding nothing wrong, he informs Skalder that a corvette will arrive the next day to inspect his cargo. Bannon offers to leave one of his two Danish crewmen as a witness, allowing him to rid himself of the spy Holger without arousing suspicion. Bannon leaves port, but once out of sight, one man remains aboard to sail to the nearest radio station, while Bannon and the rest take to the dories and return. Bannon sets up a night ambush; when the Germans come to take the villagers prisoner, the invaders are wiped out. Bannon and his men then set fire to the Kvinde under cover of darkness. In the resulting confusion, they board, overpower or kill the remainder of the crew, and free Margaret, who had been taken as a hostage. Skalder claims to have set the ship to blow up in twenty minutes. Bannon does not believe him, but takes the ship out to sea, intending to destroy her safely away from the village. He and his men rig some of the torpedoes to explode. The Kvinde is approached by two U-boats seeking supplies. Skalder manages to get a gun and wounds his guard, Konrad, before he is killed. Bannon helps Konrad into a boat and flees under German gunfire. When the ship explodes, the resulting wave sweeps the submarines, sinking them.

Categories: "Melodrama", "Action", "Drama", "Black-and-white", "War film"

Similarity: 0.251



Title: The Land That Time Forgot (ID 153)

Summary:

The movie begins with Doug McClure as Bowen Tyler narrating the events, much as we see in many Edgar Rice Burroughs novels. A sailor throws a bottle with a written manuscript inside it into the sea, hoping for it to be discovered later. The story is set in World War I and involves the survivors of the sinking of a British merchant ship who are taken on board a German U-boat. Bowen Tyler and Lisa Clayton are passengers on a ship that is torpedoed by Captain von Schoenvorts. Along with a few surviving British officers, Bowen Tyler convinces the other men to take over the surfacing submarine, this being their only chance for survival. After confronting the Germans on the deck, a fight ensues and they seize the German U-boat. Tyler takes command hoping to sail to a British port. Captain Von Schoenvorts has his crew steer toward a safe sea port. But Dietz, gets loose and smashes the sub's radio. Off course and running out of fuel in the South Atlantic, the U-boat and its crew happen across an uncharted sub-continent called Caprona, a fantastical land of lush vegetation where dinosaurs still roam, co-existing with primitive man. There are also reserves of oil which, if the Germans and British can work together, can be refined and enable their escape from the island. Bowen Tyler discovers the secret of Caprona: individuals evolve not through natural selection, but by migrating northward across the island. With the submarine working again, and a sudden outbreak of volcanic eruptions across the island, Dietz abandons Tyler and Lisa in Caprona and attempts to escape, but the U-Boat cannot function in the boiling waters and sinks. Bowen Tyler and Miss Lisa are stranded, and forced to move northwards. The movie ends with Bowen Tyler throwing the bottle, with the manuscript inside it, as seen in the beginning of the movie.

Categories: "Fantasy", "Adventure"

Similarity: 0.242



Title: Triumph of the Will (ID 565)

Summary:

The film begins with a prologue, the only commentary in the film. It consists of the following text, shown sequentially, against a gray background: { | border="0" | cellspacing="width:50%; margin:auto; background: white; text-align: center; font-size: 95%" | style="background:#eee;" | 20 Jahre nach dem Ausbruch des Weltkrieges [20 years after the outbreak of the World War] | - | style="background:#eee;" | 19 Monate nach dem Beginn der deutschen Wiedergeburt [19 months after the beginning of the German rebirth] | - | style="background:#eee;" | flog Adolf Hitler wiederum nach Nürnberg, um Heerschau abzuhalten über seine Getreuen [Adolf Hitler flew again to Nuremberg to review the columns of his faithful followers] } Day 1: The film opens with shots of the clouds above the city, and then moves through the clouds to float above the assembling masses below, with the intention of portraying beauty and majesty of the scene. The cruciform shadow of Hitler's plane is visible as it passes over the tiny figures marching below, accompanied by music from Richard Wagner's Die Meistersinger von Nürnberg, which slowly turns into the Horst-Wessel-Lied. Upon arriving at the Nuremberg airport, Hitler and other Nazi leaders emerge from his plane to thunderous applause and a cheering crowd. He is then driven into Nuremberg, through equally enthusiastic people, to his hotel where a night rally is later held. Day 2: The second day begins with a montage of the attendees getting ready for the opening of the Reich Party Congress, and then footage of the top Nazi officials arriving at the Luitpold Arena. The film then cuts to the opening ceremony, where Rudolf Hess announces the start of the Congress. The camera then introduces much of the Nazi hierarchy and covers their opening speeches, including Joseph Goebbels, Alfred Rosenberg, Hans Frank, Fritz Todt, Robert Ley, and Julius Streicher. Then the film cuts to an outdoor rally for the Reichsarbeitsdienst, which is primarily a series of pseudo-military drills by men carrying spades. This is also where Hitler gives his first speech on the merits of the Labor Service and praising them for their work in rebuilding Germany. The day then ends with a torchlight SA parade in which Viktor Lutze speaks to the crowds. Day 3: The third day starts with a Hitler Youth rally on the parade ground. Again the camera covers the Nazi dignitaries arriving and the introduction of Hitler by Baldur von Schirach. Hitler then addresses the Youth, describing in militaristic terms how they must harden themselves and prepare for sacrifice. Everyone present, including General Werner von Blomberg, then assemble for a military pass and review, featuring Wehrmacht cavalry and various armored vehicles. That night Hitler delivers another speech to low-ranking party officials by torchlight, commemorating the first year since the Nazis took power and declaring that the party and state are one entity. Day 4: The fourth day is the climax of the film, where the most memorable of the imagery is presented. Hitler, flanked by Heinrich Himmler and Viktor Lutze, walks through a long wide expanse with over 150,000 SA and SS troops standing at attention, to lay a wreath at a World War I Memorial. Hitler then reviews the parading SA and SS men, following which Hitler and Lutze deliver a speech where they discuss the Night of the Long Knives purge of the SA several months prior. Lutze reaffirms the SA's loyalty to the regime, and Hitler absolves the SA of any crimes committed by Ernst Röhm. New party flags are consecrated by letting them touch the Blutfahne and, following a final parade in front of the Nuremberg Frauenkirche, Hitler delivers his closing speech. In it he reaffirms the primacy of the Nazi Party in Germany, declaring, "All loyal Germans will become National Socialists. Only the best National Socialists are party comrades!" Hess then leads the assembled crowd in a final Sieg Heil salute for Hitler, marking the close of the party congress. The entire crowd sings the Horst-Wessel-Lied as the camera focuses on the giant Swastika banner, which fades into a line of silhouetted men in Nazi party uniforms, marching in formation as the lyrics "Comrades

shot by the Red Front and the Reactionaries march in spirit together in our columns" are sung.  
Categories: "Culture & Society", "World cinema", "Black-and-white", "Propaganda film", "War film", "Political cinema", "Documentary"  
Similarity: 0.193

## Βαθιά μάθηση: δημιουργία corpora με χρήση word embeddings

### Μεταφορά μάθησης εμφυτευμάτων

#### Εμφυτεύματα του Gensim-data

Θα πειραματιστούμε με 3 μοντέλα διαφορετικών διαστάσεων: glove-twitter-25, glove-wiki-gigaword-100, word2vec-google-news-300.

```
In [ ]: import gensim.downloader
print(list(gensim.downloader.info()['models'].keys()))

['fasttext-wiki-news-subwords-300', 'conceptnet-numberbatch-17-06-300', 'word2vec-ruscorpora-300', 'word2vec-google-news-300', 'glove-wiki-gigaword-50', 'glove-wiki-gigaword-100', 'glove-wiki-gigaword-200', 'glove-wiki-gigaword-300', 'glove-twitter-25', 'glove-twitter-50', 'glove-twitter-100', 'glove-twitter-200', '__testing_word2vec-matrix-synopsis']
```

```
In [ ]: %time
model_small = gensim.downloader.load("glove-twitter-25") # download the model and return as object ready for use

[=====] 100.0% 104.8/104.8MB downloaded
Wall time: 1min 2s
```

```
In [ ]: %time
model_medium = gensim.downloader.load("glove-wiki-gigaword-100")

[=====] 100.0% 128.1/128.1MB downloaded
Wall time: 1min 10s
```

```
In [ ]: %time
model_large = gensim.downloader.load("word2vec-google-news-300")

[=====] 100.0% 1662.8/1662.8MB downloaded
Wall time: 10min
```

Για τον υπολογισμό των  $W2V(d)$  θα χρησιμοποιήσουμε τον default Tfidf vectorizer, εκπαιδευμένο στο προεπεξεργασμένο corpus μας, με την διαφορά ότι θα παραλείψουμε το βήμα του stemming, ούτως ώστε οι λέξεις που θα προκύψουν να είναι παρούσες και στα λεξιλόγια των έτοιμων μοντέλων. Επιπλέον, θα θέσουμε πάλι όρια συχνότητας εμφάνισης των λέξεων, με σκοπό την μείωση της διαστατικότητας.

```
In [ ]: transferLearningDocuments = [textPreprocessing(s, stemming = False) for s in corpus]
## dbfile = open("tl_doc.pkl", "wb")
## pickle.dump(transferLearningDocuments, dbfile)
## dbfile.close()
```

```
In [ ]: dbfile = open("tl_doc.pkl", "rb")
transferLearningDocuments = pickle.load(dbfile)
```

```
In [ ]: v = TfidfVectorizer(max_df = 0.999, min_df = 0.0035)
tfidf = v.fit_transform(transferLearningDocuments).toarray()
vocab = v.vocabulary_
print(tfidf.shape)

(5000, 5084)
```

#### build\_tfw2v

```
In [11]: def build_tfw2v(corp, tfidf, vectors, embeddings_size):
    w2v = []
    for index, movie in enumerate(corp):
        vectorSum = 0
        denominator = 0
        for word in set(movie.split()):
            if word not in vocab: continue
            try:
                array = vectors.get_vector(word)
            except:
                array = np.zeros(embeddings_size) # not simply zero, in case all words missing
            constant = tfidf[index][vocab[word]]
            vectorSum += constant * array
```

```
        denominator += constant
        vectorSum /= denominator
        w2v.append(vectorSum)
    return w2v
```

```
In [ ]: %%time
res_small = build_tfw2v(transferLearningDocuments, tfidf, model_small, 25)

Wall time: 3.51 s
```

```
In [ ]: %%time
res_medium = build_tfw2v(transferLearningDocuments, tfidf, model_medium, 100)

Wall time: 3.51 s
```

```
In [ ]: %%time
res_large = build_tfw2v(transferLearningDocuments, tfidf, model_large, 300)

Wall time: 2.92 s
```

Παρακάτω θα τυπώσουμε τις προτάσεις των νέων μας recommenders για τις ίδιες ταινίες που επιλέξαμε στο προηγούμενο μέρος με το TFIDF.

```
In [ ]: contentRecommender(corpusType = res_small, targetMovie = 475)
```



Title: Spinach Fer Britain (ID 475)

The short opens with five Nazi soldiers patrolling the coast of Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly withdraws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazi U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggy London and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short irises out. <http://www.youtube.com/watch?v=0Ho91px5YTs>

A woman, Sara , is being chased through the snows of Norway. She is ultimately cornered and eaten by zombies in World War II Schutzstaffel uniforms. Seven students on Easter vacation arrive at a small cabin near Øksfjord. The cabin is owned by Sara, Vegard's girlfriend. The group begins to drink and party until a mysterious hiker arrives. He tells them the dark history of the region; during World War II, a force of Einsatzgruppe, led by Standartenführer Herzog , occupied the area. For three years the Nazis abused and tortured the local people. Near the end of the war, with Germany's defeat looming, the soldiers looted all the town's valuables. However, the citizens stage an uprising and ambushed them, killing many. The survivors, including Herzog, were chased into the mountains, and it was assumed that they all froze to death. The hiker then continues on his way. That night, Vegard wakes to a figure placing something beneath the floorboards of the cabin. He calls out, believing it to be Sara, but she ignores him and leaves. Vegard follows, and finds her outside covered in blood. Vegard suddenly jolts awake in his bed, revealing it was a dream. Meanwhile, the hiker has set up camp in the mountains and is eating dinner when he is disturbed by a noise outside. He investigates, and is attacked and killed by a zombie. The next morning Vegard, out looking for Sara, discovers the hiker's body. He searches the area, falls through the snow into a cave, and is knocked unconscious. After sunset, Erlend finds an old wooden box filled with valuables and golden trinkets. They celebrate, and one of them pockets a gold coin. They eventually return the rest of the treasure to the box. Erlend goes to the outhouse where he and Chris have sex. Afterwards, Erlend returns to the cabin, and drops a gold coin. Chris is attacked by a zombie, and killed. The others leave the cabin to look for her, and find Sara's rucksack buried in the snow. On returning to the cabin, they are attacked. Erlend is killed in an attempt to defend the cabin, and the others secure the building. Vegard comes around in the cave, discovering German firearms and helmets, as well as Sara's severed head. He is attacked, but escapes to the surface, where he is confronted by a zombie. Vegard stabs the zombie in the eye, but is knocked from the cliff side by a second assailant. Vegard is bitten in the neck by the zombie, whilst the two hang from the cliff using an intestine as rope. He climbs back to the snowmobile, stitches his wounds, and mounts a machine gun to his snowmobile. Meanwhile, the remaining four students decide to split up. The two men, Martin and Roy , attempt to distract the zombies, while the two women, Hanna and Liv , run for the cars and go for help. En route to the cars, the girls are ambushed. Liv is knocked out by the zombies and awakens to them pulling out her intestines. Using a hand grenade, she commits suicide and kills her assailants. Hanna leads a zombie to a cliff edge, breaks the ice, and they fall. The pair survive, and Hanna kills the zombie. Martin and Roy accidentally set fire to the cabin with Molotov cocktails. They escape, and arm themselves with power tools. More zombies attack, but they are aided by Vengard. During the attack Vengard is killed and Martin accidentally kills Hanna, who has returned to the cabin. Herzog arrives, leading a group of zombies. They attack, and Martin is bitten on the arm. To avoid becoming infected, he cuts off his arm with a chainsaw. After killing the remaining undead, Martin and Roy attack Herzog, who calls upon hundreds of zombies, that rise from under the snow. Whilst running from their attackers, Roy is hit in the head by a hammer, disembowelled by a tree branch, and killed by Herzog, who retrieves a watch from his pocket. Martin realises the zombies intend, and retrieves the box from the ruined cabin. He returns the box to Herzog, and escapes to the car. There, he finds a gold coin in his pocket, just as Herzog smashes the window of the car.

On Mars in the year 2046, in the Union Aerospace Corporation Olduvai Research Facility, scientists are attacked and pulled into the darkness by an unseen monster. Doctor Carmack ([Robert Russell transmits a warning about a Level 5 security breach before the door behind him is torn open. He turns around and sees a large humanoid creature through the gap. On Earth, a team of eight Marines - known as the RRTS Hellfighters - are preparing to go on leave. Their leave is cancelled when the squad leader, Sarge, receives new orders. Contact with Olduvai has been lost and the RRTS is being sent to investigate. The Mars station is quarantined and the 85 UAC employees on Mars are not allowed to return to Earth. As the men suit up, Sarge pulls aside John "Reaper" Grimm and asks him not to go because Olduvai is where Reaper's parents died and his sister is still on the station. Reaper suits up anyway, and their team is deployed to Mars via a teleportation device called the "Ark", located at Area 51. The Ark was discovered in 2026, and scientists have been studying it. The team meets an early victim of the Ark system, Pinky, who "went to one galaxy while his ass went to another" during an Ark teleportation event. They meet up with Dr. Samantha Grimm, Reaper's sister. She briefs the RRTS that Doctor Carmack's division of the facility focused on genetic research has been quarantined off, with Carmack and five other scientists sealed inside. Sarge instructs his team that their mission is to eliminate the threat, secure the facility and retrieve UAC property; Dr. Grimm going into the genetics lab with the squad to recover Carmack's research data. Reaper converses with his sister and learns that they discovered humanoid remains on Mars, which, unlike humans, have an extra chromosome p

air which granted them invulnerability to disease as well as advanced cellular regeneration. The team locates Carmack, who has gone mad to the point of tearing off his own ear. They return him to the lab and Grimm sedates him. The Marines explore the facility, encountering two of the five remaining scientists only to discover that they have been transformed into zombies, forcing them to kill them. After spotting and chasing a large creature through the facility, the team follows it into the sewer system, discovering the bloodied lab coat of a 'Doctor Steve Willits'. Whilst the team is split up, an Imp ambushes Goat and causes a mortal wound on his throat before being killed by Reaper and brought to Dr. Grimm, alongside the wounded Goat. Despite the best efforts of the RRTS, Goat dies in the lab. In response to the event, Sarge orders the 85 workers in the facility to evacuate back to Earth through the Ark with the exception of Dr. Grimm and Pinky, the latter being left to guard the Ark. After the evacuations are complete, Duke remains with Dr. Grimm whilst she examines the remains of the Imp, and the two notice that Doctor Carmack has vanished from the infirmary. Moments later outside the lab they are attacked by an Imp which manages to lightly wound Duke before Dr. Grimm closes a nanowall on the creature, keeping it alive but trapping it halfway through the wall. Shortly afterwards, Dr. Grimm conducts an autopsy of the deceased Imp and discovers that it was once human. A second later Duke notices that Goat has returned to life as a zombie and broken free of the body bag containing him. Retaining some shred of his humanity and aware that he is turning, Goat prevents it by violently smashing his head into the observation room window to kill himself once again. Meanwhile, the rest of the RRTS return to the genetics lab and begin exploring the archeological digsite in the facility. While searching the caverns, the team discovers the bodies of two more of Carmack's scientists, leaving only Doctor Willits still unaccounted for. While Sarge and Reaper examine the bodies, Mac is ambushed and immediately decapitated by the Hell Knight, the large humanoid monster seen prior. Convinced that the team is going to need some additional firepower to take on the creature, Sarge uses the severed hand of one of the scientists and takes the Bio Force Gun, dubbing it the "Big Fucking Gun." Elsewhere, Portman leaves his post to use the restroom, leaving Destroyer alone. In reality, Portman is going against Sarge's orders to maintain quarantine by sending out a transmission to Earth to request RRTS reinforcements. At the same time, Destroyer is attacked by the Hell Knight and thrown into a pit with electrified walls used as a prison cell. The two engage in a brutal melee fight before Destroyer manages to pin the Hell Knight to the electrified wall with a large pipe, attempting to climb a hanging chain out of the pit. Unfortunately as he reaches the top, the Hell Knight breaks loose and pulls the chain down, causing Destroyer to fall to his death. Shortly after the fight concludes, Portman successfully sends his transmission to Earth and is abruptly attacked by the Hell Knight which proceeds to hang him upside down from the ceiling and smash him violently through the stall walls. By time the rest of the RRTS arrive to help him he is dead and Sarge fails to hit the Hell Knight with the BFG before it retreats again. After being brought the bodies of Portman and Destroyer, Dr. Grimm determines that the genetics of the creatures have been altered by the addition of the 24th Martian chromosome, which led to their mutations and that the chromosome is spread by the ovipositors of those infected. She also reveals that the Imp trapped halfway through the nanowall is in fact Doctor Carmack, as identified due to his missing ear. She theorizes that the Imp killed in the sewers is the missing Doctor Willits. Losing his patience with Grimm, Sarge executes the transformed Carmack and interrogates her for an explanation of their research. After reviewing the research data Grimm collected from Carmack's lab, video footage is discovered which reveals that Carmack and his team deliberately injected the chromosome into a man named Curtis Stahl, a prisoner convicted of multiple murders before being given to the UAC instead of facing execution. The footage revealed that Stahl mutated into the Hell Knight, which led to him breaking loose and killing / infecting the research team. With four men KIA, the squad is reduced to Sarge, Reaper, The Kid, and Duke. The team realize that the Hell Knight is cutting through the vault door into the Ark in an attempt to escape to Earth. Sarge orders Pinky to detonate an ST grenade that Mac left him to destroy the Ark and prevent it from getting through. However, Pinky fails to and instead retreats through the Ark back to Earth and the Hell Knight chases him through. Sarge confirms the mission is no longer containment and orders the RRTS to head back to Earth to eliminate the Hell Knight. Reaper returns to the lab to bring Dr. Grimm, who reveals that the ovipositor of the creatures are selectively choosing what humans to infect. Reaper and Dr. Grimm theorize that the creatures pick up on genetic markers to make their decision, impulsively trying to infect people with "evil" tendencies while ignoring those with more of a "good" personality. Dr. Grimm explains that the 24th chromosome would turn "good" people into super humans like the remains found on Mars, while those who are "evil" are turned into monsters. Meanwhile, the rest of the RRTS reach the UAC facility on Earth and find it full of corpses, the researchers from Olduvai and the base staff having been slaughtered by the Hell Knight when it came through. With the facility on automatic lock down to prevent anyone from leaving, the RRTS have a single hour before the lock down is lifted and the creatures can escape the facility. Sarge orders his men to kill anything alive in order to prevent the infection from spreading, leading them on a cleanup operation through the facility that leads them to kill a considerable number of UAC employees transformed into zombies. However, Sarge shows no distinction between targets and even kills survivors who do not show immediate signs of infection. While confirming the bodies in the facility are really dead, Duke discovers Pinky hiding under a pile of bodies and brings him back to the Ark chamber where Reaper and Dr. Grimm are trying to convince Sarge that not everyone is capable of being infected due to their "good" genes. Sarge doesn't heed them and prepares to execute Pinky before The Kid rushes into the room, stating that he found a large group of non-infected humans. Sarge orders him to return and kill them but The Kid refuses, resulting in Sarge executing him for insubordination. Reaper prepares to retaliate for the murder before Pinky aims a pistol at Sarge, ordering him to drop his rifle. The stand off is abruptly cut short when the Hell Knight enters the room, grabbing Pinky and fleeing into the halls with him in tow. The RRTS attempt to chase the creature down before they run directly into a horde of Zombies, making their stand at a nanowall that is malfunctioning and failing to shut. Duke is suddenly pulled through a vent in the floor by an Imp and killed while the zombies drag Sarge through the nanowall. Just then, the nanowall shuts and Reaper is hit in the gut by a ricochet from his own rifle. The two siblings flee the area and barricade themselves in a storage room. To save Reaper's life, Dr. Grimm injects Reaper with Chromosome 24. Instead of becoming a monster, Reaper awakens as a superhuman with enhanced speed, strength and healing abilities, his gunshot wound and other inflicted injuries having healed. Following Reaper's transformation and the discovery that Dr. Grimm is missing, the movie takes on a first-person shooter perspective. Within a few minutes, Reaper moves through the facility and slays an array of zombies and Imps, eventually having a showdown with the Hell Knight after severely burning it. Reaper successfully manages to kill the Hell Knight when he detonates a planted mine at its feet, blowing it to pieces. Shortly after, Reaper is attacked by Pinky, who has now transformed into a Demon after the Hell Knight infected him. After an intense and brutal fight, Reaper manages to incapacitate Pinky with the Hell Knight's chainsaw and proceeds to finish him off with his rifle. Switching back to a standard camera angle, Reaper emerges at the facility's exit. Bodies are scattered everywhere, and a melted blue hole in the wall, the mark of a BFG blast, is still cooling. Reaper finds Dr. Grimm lying on the floor, injured but alive. Sarge then appears, seemingly none the worse for wear, but Reaper notices the same injury on Sarge that Carmack had before he turned into an Imp. When asked what happened to the non-infected survivors, Sarge replies that he "took care of that problem"- he has killed them. Reaper tells Dr. Grimm to crawl to the elevator to the surface, intent on not letting Sarge leave the facility with the lock down only minutes from being lifted. After spending their last ammunition- Reaper's half of a magazine and Sarge's one round in the BFG, the two Marines battle hand to hand in the Ark chamber with their superhuman abilities. As Sarge manages to pin Reaper against a wall, he begins transforming, developing features such as a prominent skull structure, sharp teeth and yellow eyes. Without any other choice

e, Reaper activates the Ark and throws Sarge through, followed by a grenade. Sarge lands back in the Mars facility and soon notices the grenade. He and the Ark are obliterated in the explosion. Reaper retrieves Dr. Grimm, who is conscious but unable to walk, and holds her in his arms as he returns to the Earth's surface.

Categories: "Science Fiction", "Horror", "Adventure", "Creature Film", "Action/Adventure", "Zombie Film", "Action"  
Similarity: 0.989



#3

Title: Return to the Lost World (ID 2206)

Summary:

Belgian scientist Bertram Hammonds, along with Gomez, who survived being injured in the first film, arrives in the Lost World to drill for crude oil. He and his men begin capturing the natives for slave labor, throwing Chief Palala off the top of the plateau. He survives and is rescued by Malu and taken to a nearby village. Word reaches Edward Malone and Jenny Nielson in England, who remind Professors Challenger and Summerlee of the promise they made to Palala: that they would return to the Lost World should they be needed. However the professors are having a feud. Challenger recently discredited Summerlee on a theory and now they aren't on speaking terms. With help from Jim, Malone and Jenny manage to bamboozle Challenger and Summerlee into coming along with each mistakenly believing they are commanding the expedition while the other is remaining in England. When they encounter one another aboard the steamship bound for Africa, they nearly come to blows. Upon arriving they are led to the base of the plateau by Malu, where she found Chief Palala. Above, attacks by dinosaurs have set back Hammonds' work. His drilling crews accidentally tap into a volcanic pipe during a tyrannosaurus' visit, triggering a volcanic eruption that threatens to destroy the whole plateau. The initial eruption destroys the plateau they arrived in. Fleeing, Hammonds and Gomez take hostage Chief Palala's daughter and threaten to kill her unless the natives show them how to leave. Suddenly Challenger and the others arrive, having come the same way they left last time, through the caves. Challenger shoots and kills Gomez, and Hammonds is taken prisoner. After several adventures including clashes with the hostile drilling crew members, the group struggles to stop the erupting volcano. Challenger creates a new explosive, "Challengerite," with which to seal the volcano. Boxes of the explosive are put into a cave nearby but Hammonds chases Jim inside, not wanting them to set off the explosives. He tries to ply Jim with promises of wealth but Jim sets off the explosives, stopping the eruption and seemingly killing Hammonds in the process. Afterward, Summerlee congratulates Challenger on the Challengerite, and they muse on how much longer they can keep the Lost World safe from human intervention.

Categories: "Monster movie", "Science Fiction", "Fantasy Adventure", "Adventure", "Action/Adventure", "Fantasy"

Similarity: 0.988



#4

Title: Sealed Cargo (ID 3512)

Summary:

In 1943, at the height of the World War II Battle of the Atlantic, Captain Pat Bannon, skipper of the fishing trawler Daniel Webster, unloads his catch in his home port of Gloucester, Massachusetts. He reluctantly agrees to transport Margaret McLean to Trabo, a small community in Newfoundland. Shorthanded, he hires Danish sailor Konrad, and the Daniel Webster sails for the Grand Banks fishing grounds. Once at sea, Holger reports that the radio has been sabotaged. As Bannon knows all of the crew well except for Konrad and fellow Dane Holger, he suspects one of them or even Margaret of being a German agent. Sailing at night in heavy fog, they hear gunfire. They search for survivors and come upon the damaged Den Margrethe Kvinde, a Danish square rigged sailing ship. She appears to have been damaged in a storm and then shelled. Aboard, they discover only the dazed Captain Skolder and a dead body. He claims that his crew abandoned ship in a storm, and that he was subsequently attacked by a U-boat. The Daniel Webster tows the stricken Kvinde to Trabo. Konrad is suspicious: he notes that the German gunfire hit above the waterline, and that while the tarpaulin covering the ship's boat is riddled with bullet holes, the boat itself is undamaged. Bannon and Konrad separately sneak below decks to search the hold. When they meet, Konrad has a pistol, but he gives it to Bannon to prove where his loyalties lay. They accidentally discover a second, hidden hold containing rack upon rack of torpedoes – the ship is a tender, covertly resupplying the U-boat "wolfpacks". They watch undetected as Holger enters the hold and uses a radio to signal the Germans. However, before the pair can alert the military, Skolder's crew arrives in boats, so they pretend they know nothing. Skolder plans to resupply the U-boats at Trabo. A Canadian flying boat lands in the harbor, and an officer inspects Skolder's papers. Finding nothing wrong, he informs Skolder that a corvette will arrive the next day to inspect his cargo. Bannon offers to leave one of his two Danish crewmen as a witness, allowing him to rid himself of the spy Holger without arousing suspicion. Bannon leaves port, but once out of sight, one man remains aboard to sail to the nearest radio station, while Bannon and the rest take to the dories and return. Bannon sets up a night ambush; when the Germans come to take the villagers prisoner, the invaders are wiped out. Bannon and his men then set fire to the Kvinde under cover of darkness. In the resulting confusion, they board, overpower or kill the remainder of the crew, and free Margaret, who had been taken as a hostage. Skolder claims to have set the ship to blow up in twenty minutes. Bannon does not believe him, but takes the ship out to sea, intending to destroy her safely away from the village. He and his men rig some of the torpedoes to explode. The Kvinde is approached by two U-boats seeking supplies. Skolder manages to get a gun and wounds his guard, Konrad, before he is killed. Bannon helps Konrad into a boat and flees under German gunfire. When the ship explodes, the resulting wave sweeps the submarines, sinking them.

Categories: "Melodrama", "Action", "Drama", "Black-and-white", "War film"

Similarity: 0.988



#5

Title: The Hidden Jungle (ID 3120)

Summary:

An in-flight NASA Shuttlecraft carrying a plutonium payload is forced to crash land in an African terrorist country that is unfriendly to the United States. The surviving astronaut, Dr. Beverly Owens, is taken captive by the country's terrorist leader, Akmed Najah. The U.S. Government fears the plutonium will be used to create a nuclear weapon and seeks help in the rescue and recovery efforts from ace stunt pilot, Zach Taylor. Stockdale Flying Sequence. Zach works with CIA operative, Bill Murphy, who bares personal bitterness toward Akmed Najah. Najah had earlier destroyed Murphy's home, killing his wife and child. Zach learns that the downed spacecraft crashed into the jungles of Zamboa, an uncharted area that is difficult to travel. He and Murphy seek the aid of two young people who have lived their lives in the jungle. One is Desirée Jones, daughter of a famous archeologist, and a young boy whom she found in the jungle when he was a baby. The boy is now 8 years old but appears to be quite capable, even demonstrating the capability of driving an old jeep. Together, they set off to locate the terrorists and rescue Dr. Owens. After the spacecraft's crash landing, Owens detached the nuclear container from the onboard satellite before being taken captive. Akmed Najah systematically tortures the astronaut in order to force her to disclose the container's location. He discovers that a rescue search party is in

n process and sends out teams of trained assassins to stop them. Leading the killer Dacoits is a young man named Taj-a-tali ', son of Akmed Najah. Zach, Murphy, Desirée and Jason ' are attacked but manage to fend off the assault and capture Taj-a-tali. Later, Taj escapes with the help of other Dacoits and returns to his father's jungle lair. Akmed Najah is displeased with his son's performance and orders him killed together with Dr. Owens. Owens had succumbed to torture and revealed the plutonium location. No longer needing her, Najah orders that she and his son be dropped into a giant fire pit. Zach and Desirée are separated from the others and after multiple misadventures discover the terrorists' hiding location in time to save Owens and Najah's son. Zach locates the space shuttle satellite and sets it to explode. In the meantime, Akmed Najah orders that the craft's payload container be flown out of the country to an unidentified eastern power. He later dies in a hand-to-hand battle with Zach. Desirée escorts Owens and the boy to safety following a violent explosion decimates the terrorist lair. Learning that the plutonium is about to leave the jungle, Zach and Desirée set out to stop the aerial pickup. Jason arrives in the jungle flying Zach's plane, which had been left back at their point of embarkation. The young boy flies the plane the same way he drives a vehicle—with various difficulties and many “ups and downs.” However, he manages to land the craft as Zach climbs aboard. A motorcade of Dacoits appear, firing weapons at the fleeing trio. Desirée draws their fire while Zach and Jason turn the plane down a jungle runway. At the last minute, she leaps aboard the plane as it lifts from the ground. Zach skillfully pilots the aircraft and in several daring maneuvers steals the aerial pickup from the Dacoits before it can be scooped into the air by others. Zach pulls the plane in to an upward arch and then down toward the ground, suddenly flipping it over at the last minute so that it flies upside down. The rapid spinning causes Jason to become ill and as the plane approaches the Dacoits on the runway, Desirée drops a hand grenade as the boy vomits. Both “droppings” fall on the bad guys and the grenade explodes setting off surrounding explosives. High in the sky, Zach, Desirée and Jason fly toward a setting sun. Zach asks Jason if he would like to fly. A very sick little boy replies, “No thank you!” Zach, Desirée and Jason are reunited with Bill Murphy who is taking care of Beverly Owens and a wounded Taj-a-tali. Murphy learns that his arch nemesis has been killed. In thought, Murphy opens a pocket watch given him by his dead wife and child. As the music plays, Taj-a-tali awakens and recognizes the music. In an emotional scene, the group comes to learn that the boy is not Najah's son but is instead, Murphy's son. The boy had been kidnapped the night that Akmed Najah killed Murphy's wife and destroyed their home. Jason who is feeling much better by now, smiles and say simply, “This has been a good day...a very good day!”

Categories: "Adventure"

Similarity: 0.987

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## 🔔 RECOMMENDATIONS FOR 🔔

Title: Spinach Fer Britain (ID 475)

Summary:

The short opens with five Nazi soldiers patrolling the coast of Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly withdraws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazi U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggy weather and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short fades out. <http://www.youtube.com/watch?v=0H091px5YTs>

Categories: "Short Film", "Comedy film", "Animation", "Propaganda film", "War film"



## #1

Title: One of Our Aircraft is Missing (ID 3173)

Summary:

"B for Bertie" is a RAF Vickers Wellington bomber whose crew was forced to bail out over the Netherlands near the Zuider Zee after one of their engines was damaged during a nighttime raid on Stuttgart. Five of the six airmen find each other; the sixth goes missing. The first Dutch citizens they encounter, led by English-speaking schoolteacher Else Meertens, are suspicious at first as no aircraft is reported to have crashed in the Netherlands. After much debate and some questioning, the Dutch agree to help, despite their fear of German reprisals. The disguised airmen led by the pilots and bicycle through the countryside to a football match, accompanied by many of the Dutch, where they are passed along to the local burgomeester. To their bemusement, they discover their missing crewman playing on one of the teams. Reunited, they hide in a truck carrying supplies to Jo de Vries. De Vries pretends to be pro-German, blaming the British for killing her husband in a bombing raid. She hides them in her mansion, despite the Germans being garrisoned there. Under cover of an air raid, she leads them to a rowboat. The men row undetected to the sea, but a bridge sentry finally spots them and a shot seriously wounds the oldest man, Sir George Corbett. Nevertheless, they reach the North Sea. They take shelter in a German rescue buoy, where they take two shot-down enemy aviators prisoner, but not before one sends a radio message. By chance, two British boats arrive first. Because Corbett cannot be moved, they simply tow the buoy back to England. Three months later, he is fully recovered, and the crew board their new four-engine heavy bomber. The attitude of the Dutch people towards the Nazi occupation is exemplified by two Dutch women who help the airmen at great personal risk to themselves and these explain why the Dutch were willing to help Allied airmen even though those same airmen were sometimes dropping bombs on the Netherlands and killing Dutch people: Else Meertens: Do you think that we Hollanders who threw the sea out of our country will let the Germans have it? Better the sea. ---- Jo de Vries: [Speaking to the downed aircrew as RAF bombers approach] You see. That's what you're doing for us. Can you hear them running for shelter? Can you understand what that means to all the occupied countries? To enslaved people, having it drummed into their ears that the Germans are masters of the Earth. Seeing those masters running for shelter. Seeing them crouching under tables. And hearing that steady hum night after night. That noise which is oil for the burning fire in our hearts. "One of Our Aircraft Is Missing Memorable quotes." IMDb. Retrieved: 10 January 2010.

Categories: "Drama", "Black-and-white", "War film"

Similarity: 0.948



#2

Title: The Great Escape (ID 1008)

Summary:

Having expended enormous resources on recapturing escaped Allied prisoners of war, the Germans move the most determined to a new, high-security prisoner of war camp. The commandant, Luftwaffe Colonel von Luger, tells the senior British officer, Group Capt. Ramsey, "There will be no escapes from this camp." Ramsey replies that it is their duty to try to escape. After several failed escape attempts on the first day, the POWs settle into life at the prison camp. Gestapo and SD agents bring Squadron Leader Roger Bartlett to the camp and deliver him to von Luger. Known as "Big X," Bartlett is the principal organizer of escapes and Gestapo agent Kuhn orders that he be kept under the most restrictive permanent security confinement, which Col. von Luger, disgusted by the Nazis and the SS, only makes a "note" of, treating the command with complete contempt. As Kuhn leaves, he warns Bartlett that if he escapes again, he will be shot. Bartlett is then placed with the rest of the POWs, rather than the restrictive holding that Gestapo agent Kuhn had demanded. Locked up with "every escape artist in Germany", Bartlett immediately plans the greatest escape attempted—tunnels for breaking out 250 prisoners. The intent is to "confuse, confound and harass the enemy" to the point that as many troops and resources as possible will be wasted on finding POWs instead of being used on the front line. Teams are organized to tunnel, make civilian clothing, forge documents, procure contraband materials, and prevent guards from discovering their work. Flight Lieutenant Robert Hendley, an American in the RAF, is "the scrounger" who finds what the others need, from a camera to clothes and identity cards. Australian Flying Officer Louis Sedgwick, "the manufacturer," makes tools such as picks for digging and bellows for pumping air into the tunnels. Flight Lieutenant Danny Velinski and William "Willie" Dickes are "the tunnel kings" in charge of making the tunnels. Eric Ashley-Pitt of the Royal Navy devises a method of hiding bags in the prisoners' trousers and spreading dirt from the tunnels over the camp, under the guards' noses. Forgery is handled by Flight Lieutenant Colin Blythe, who becomes nearly blind from intricate work by candlelight. Hendley takes it upon himself to be Blythe's guide in the escape. The prisoners work on three tunnels simultaneously, calling them "Tom," "Dick" and "Harry." Work on Harry and Dick is stopped so that more work can be performed on Tom. The work noise is covered by the prisoner choir led by Flt. Lt. Denis Cavendish, who is also the group's surveyor. USAAF Captain Virgil Hiltz, "The Cooler King," irritates guards with frequent escape attempts and irreverent behavior. His first attempt, conceived in the cooler, is a short tunnel with RAF Flying Officer Archibald Ives; they are caught and returned to the cooler. While the British POWs enjoy a 4th of July celebration organized by the three Americans, the guards discover tunnel Tom. The mood drops to disappointment and hits Ives hardest. He is drawn to the barbed wire that surrounds the camp and climbs it in view of



guards. Hilts runs to stop him but is too late, and Ives is machine-gunned dead near the top of the fence. The prisoners switch their efforts to Harry. Hilts agrees to change his plan and reconnoiter outside the camp and allow himself to be recaptured. The information he brings back is used to create maps showing the nearest town and railway station. The last part of the tunnel is completed on the night of the escape, but it proves to be 20 feet short of the woods, which are to provide cover. Danny nearly snaps from claustrophobia and delays those behind him, but is helped by Willie. Seventy-six escape. After attempts to reach neutral Switzerland, Sweden, and Spain, almost all the POWs are recaptured or killed. Hendley and Blythe steal an airplane to fly over the Swiss border, but the engine fails and they crash-land. Soldiers arrive. Blythe, his eyesight damaged, stands and is shot. Hendley waves and shouts "don't shoot", and is captured as Blythe dies. Cavendish, having hitched a ride in a truck, is captured at a checkpoint, discovering another POW, Haynes, captured in his German soldier disguise. Bartlett is recognized in a crowded railroad station by Gestapo agent Kuhn. Eric Ashley-Pitt sacrifices himself when he kills Kuhn with Kuhn's own gun, and soldiers then shoot and kill him. In the commotion, Bartlett and MacDonald slip away but they are caught while boarding a bus after MacDonald blunders by replying in English to a suspicious Gestapo agent who wishes them "Good luck". Hilts steals a motorcycle, is pursued by German soldiers, jumps a first line barbed wire fence at the German-Swiss border, drives on the Neutral Zone, but becomes entangled in the second line of the barbed fence right on the Swiss-Border and is captured, he escapes execution as a spy by showing them the captain's bars on the inside of his shirt. Three truckloads of recaptured POWs go down a country road and split off in three directions. One truck, containing Bartlett, MacDonald, Cavendish, Haynes and others, stops in a field and the POWs are told to get out and "stretch their legs." They are shot dead. Fifty escapees are murdered. Hendley and nine others are returned to the camp. Von Luger is relieved of command of the prison camp and is driven away by the SS for failing to prevent the breakout. Only three make it to safety. Danny and Willie steal a rowboat and proceed downriver to the Baltic coast, where they board a Swedish merchant ship. Sedgwick steals a bicycle, then rides hidden in a freight train boxcar to France, where he is guided by the Resistance to Spain. Hilts is brought back alone to the camp and taken to the cooler. Lieutenant Goff, one of the Americans, gets Hilts's baseball and glove and throws it to him when Hilts and his guards pass by. The guard locks him in his cell and walks away, but momentarily pauses when he hears the familiar sound of Hilts bouncing his baseball against a cell wall. The film ends with the caption "This picture is dedicated to the fifty."

Categories: "History", "Action", "Drama", "Adventure", "War film"

Similarity: 0.945

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#3

Title: Dead Snow (ID 2032)

Summary:

A woman, Sara, is being chased through the snows of Norway. She is ultimately cornered and eaten by zombies in World War II Schutzstaffel uniforms. Seven students on Easter vacation arrive at a small cabin near Øksfjord. The cabin is owned by Sara, Vegard's girlfriend. The group begins to drink and party until a mysterious hiker arrives. He tells them the dark history of the region; during World War II, a force of Einsatzgruppe, led by Standartenführer Herzog, occupied the area. For three years the Nazis abused and tortured the local people. Near the end of the war, with Germany's defeat looming, the soldiers looted all the town's valuables. However, the citizens stage an uprising and ambushed them, killing many. The survivors, including Herzog, were chased into the mountains, and it was assumed that they all froze to death. The hiker then continues on his way. That night, Vegard wakes to a figure placing something beneath the floorboards of the cabin. He calls out, believing it to be Sara, but she ignores him and leaves. Vegard follows, and finds her outside covered in blood. Vegard suddenly jolts awake in his bed, revealing it was a dream. Meanwhile, the hiker has set up camp in the mountains and is eating dinner when he is disturbed by a noise outside. He investigates, and is attacked and killed by a zombie. The next morning Vegard, out looking for Sara, discovers the hiker's body. He searches the area, falls through the snow into a cave, and is knocked unconscious. After sunset, Erlend finds an old wooden box filled with valuables and golden trinkets. They celebrate, and one of them pockets a gold coin. They eventually return the rest of the treasure to the box. Erlend goes to the outhouse where he and Chris have sex. Afterwards, Erlend returns to the cabin, and drops a gold coin. Chris is attacked by a zombie, and killed. The others leave the cabin to look for her, and find Sara's rucksack buried in the snow. On returning to the cabin, they are attacked. Erlend is killed in an attempt to defend the cabin, and the others secure the building. Vegard comes around in the cave, discovering German firearms and helmets, as well as Sara's severed head. He is attacked, but escapes to the surface, where he is confronted by a zombie. Vegard saves the zombie in the eye, but is knocked from the cliff side by a second assailant. Vegard is bitten in the neck by the zombie, whilst the two hang from the cliff using an intestine as rope. He climbs back to the snowmobile, stitches his wounds, and mounts a machine gun to his snowmobile. Meanwhile, the remaining four students decide to split up. The two men, Martin and Roy, attempt to distract the zombies, while the two women, Hanna and Liv, run for the cars and go for help. En route to the cars, the girls are ambushed. Liv is knocked out by the zombies and awakens to them pulling out her intestines. Using a hand grenade, she commits suicide and kills her assailants. Hanna leads a zombie to a cliff edge, breaks the ice, and they fall. The pair survive, and Hanna kills the zombie. Martin and Roy accidentally set fire to the cabin with Molotov cocktails. They escape, and arm themselves with power tools. More zombies attack, but they are aided by Vegard. During the attack Vegard is killed and Martin accidentally kills Hanna, who has returned to the cabin. Herzog arrives, leading a group of zombies. They attack, and Martin is bitten on the arm. To avoid becoming infected, he cuts off his arm with a chainsaw. After killing the remaining undead, Martin and Roy attack Herzog, who calls upon hundreds of zombies, that rise from under the snow. Whilst running from their attackers, Roy is hit in the head by a hammer, disembowelled by a tree branch, and killed by Herzog, who retrieves a watch from his pocket. Martin realises the zombies intend, and retrieves the box from the ruined cabin. He returns the box to Herzog, and escapes to the car. There, he finds a gold coin in his pocket, just as Herzog smashes the window of the car.

Categories: "Horror", "World cinema", "Satire", "Comedy", "Zombie Film", "Horror Comedy"

Similarity: 0.943

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#4

Title: Return to the Lost World (ID 2206)

Summary:

Belgian scientist Bertram Hammonds, along with Gomez, who survived being injured in the first film, arrives in the Lost World to drill for crude oil. He and his men begin capturing the natives for slave labor, throwing Chief Palala off the top of the plateau. He survives and is rescued by Malu and taken to a nearby village. Word reaches Edward Malone and Jenny Nielson in England, who remind Professors Challenger and Summerlee of the promise they made to Palala: that they would return to the Lost World should they be needed. However the professors are having a feud. Challenger recently discredited Summerlee on a theory and now they aren't on speaking terms. With help from Jim, Malone and Jenny manage to bamboozle Challenger and Summerlee into coming along with each mistakenly believing they are commanding the expedition while the other is remaining in England. When they encounter one another aboard the steamship bound for Africa, they nearly come to



o blows. Upon arriving they are led to the base of the plateau by Malu, where she found Chief Palala. Above, attacks by dinosaurs have set back Hammonds' work. His drilling crews accidentally tap into a volcanic pipe during a tyrannosaurus' visit, triggering a volcanic eruption that threatens to destroy the whole plateau. The initial eruption destroys the place they arrived in. Fleeing, Hammonds and Gomez take hostage Chief Palala's daughter and threaten to kill her unless the natives show them how to leave. Suddenly Challenger and the others arrive, having come the same way they left last time, through the caves. Challenger shoots and kills Gomez, and Hammonds is taken prisoner. After several adventures including clashes with the hostile drilling crew members, the group struggles to stop the erupting volcano. Challenger creates a new explosive, "Challengerite," with which to seal the volcano. Boxes of the explosive are put into a cave nearby but Hammonds chases Jim inside, not wanting them to set off the explosives. He tries to ply Jim with promises of wealth but Jim sets off the explosives, stopping the eruption and seemingly killing Hammonds in the process. Afterward, Summerlee congratulates Challenger on the Challengerite, and they muse on how much longer they can keep the Lost World safe from human intervention.

Categories: "Monster movie", "Science Fiction", "Fantasy Adventure", "Adventure", "Action/Adventure", "Fantasy"

Similarity: 0.942



#5

Title: LEGO Star Wars: Revenge of the Brick (ID 1197)

Summary:

The following is a detailed overview of the mini-movie's plot, which is considered non-canonical. The movie begins with a short opening crawl, detailing that droids belonging to the "evil Separatists" have amassed above the Wookiee planet of Kashyyyk, and that Jedi Knights have been sent to stop the invasion and restore peace. Two Republic fighters appear above the planet and fly towards a Trade Federation control ship. Count Dooku watches from inside, and then, smiling, presses a button, which turns a revolving chair with General Grievous sitting on it. Back outside, Anakin Skywalker is being chased in his ARC-170 by three enemy Droid Tri-fighters. Anakin leads them into a trench and has two of the enemy ships destroyed by laser cannons fired by their own side. The remaining craft launches a Buzz droid at the ARC-170, which lands near the Clone Trooper rear gunner, who uses a can of "Buzz Spray" to dislodge the robot. The Buzz droid moves over to Anakin's window, and after being removed by Anakin's windshield wipers, the droid lands on the craft's engine and begins to cut into it. Back inside the control ship, Count Dooku tries to watch the battle outside on his television, but only receives static or intermittent test patterns. The shot zooms out to reveal General Grievous balancing on top of the television, acting as a living antenna. Meanwhile, Obi-Wan Kenobi is being chased by another Vulture Droid, who launches two missiles at his Jedi interceptor. Obi-Wan uses the Force to dismantle his ship into individual LEGO pieces, and reassembles it after the missiles pass, which instead hits two other enemy ships, destroying them. Anakin's ship is hit by laser fire from the control ship and explodes into its component pieces, but Anakin uses the Force to reassemble it and assembles it into a biplane. Looking embarrassed, he again reassembles his craft into a new starfighter, and Force-pushes the Buzz droid into the Trade Federation control ship, creating a hole in the wall. Anakin's craft flies through the hole, and encounters three droidekas standing on a platform. As his Clone Trooper pilot hangs onto the wing for dear life, Anakin throws his lightsaber like a Boomerang, which destroys the platform's support, sending it tumbling down. Obi-Wan's Jedi interceptor is hit by enemy laser fire, and his right wing is destroyed. However, he uses the Force to disassemble several droid fighters to their individual pieces and attaches them to his craft. He pilots his y-wing towards the Trade Federation control ship and fires a few well-placed shots at it, causing a giant explosion. Anakin's ship escapes from an access tunnel just in time as the control ship spectacularly explodes, and Obi-Wan and Anakin head down to Kashyyyk. The sequence shifts to Kashyyyk. Yoda spots some battle droids and uses his Force powers to destroy several of these droids and reassemble them in a higgeldy-piggeldy fashion, and then uses his lightsaber to destroy the remaining droids. An A5 Juggernaut arrives, and Mace Windu and the Clone troopers come out of the vehicle and attack, joined by the Wookies under Chewbacca, Anakin and Obi-Wan. As the battle commences, Chewbacca dodges an enemy droid tank, which skids to a halt and attacks again, determined to overrun him. Chewbacca hastily assembles a rocket launcher out of spare Lego pieces and shoots a rocket at the enemy, hitting one of its tracks. The tank skids out of control and almost hits Chewbacca, who faints from shock. Almost all the clones and Wookiees have been destroyed or have run away; Anakin, Obi-Wan, Yoda, Mace Windu and Chewbacca find themselves surrounded. But then Wookiee reinforcements arrive and beat the droids back. The remaining droids retreat in a demoralised rabble. The next sequence takes place in a setting similar to the cantina in A New Hope, including its famous soundtrack, with Grievous acting as the bartender and several other Star Wars characters in attendance. R2-D2, carrying some drinks on a tray strapped to his back, passes Yoda, who uses his force powers to hog the drinks. Obi-Wan and Anakin are drinking happily when Chewbacca takes a Polaroid picture of Anakin and Obi-Wan. Seeing that the picture is actually of Darth Vader and Old Ben Kenobi in a lightsaber battle, Chewbacca faints yet again. The end credits show, accompanied by a clip of Darth Vader conducting, with his lightsaber as a baton, some clones in the famous Imperial March.

Categories: "Science Fiction", "Children's", "Animation"

Similarity: 0.942

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In [ ]: contentRecommender(corpusType = res_large, targetMovie = 475)
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🔔 RECOMMENDATIONS FOR 🔔

Title: Spinach Fer Britain (ID 475)

Summary:

The short opens with five Nazi soldiers patrolling the coast Europe in a U-boat, destroying everything they encounter. Each time they defeat an enemy, one of them jumps onto the bow of the U-boat and the Nazi captain emerges as they shout "HEIL HITLER" while exchanging salutes. Meanwhile, Popeye the Sailor is heading for Britain with a shipment of spinach to donate as a war ration; his ship is attacked and sunk by the Nazi patrol before he can reach Britain. Popeye manages to escape with his spinach in a rowboat but is pursued by the Nazis. Popeye flips the U-boat upside-down and quickly with draws. But Popeye rows into a minefield and his boat is destroyed before he can escape. Popeye quickly collects all his spinach before the U-boat catches up with him. The Nazis ready their U-boat's turret but smoke from Popeye's tobacco pipe causes it to sneeze and fire uncontrollably, knocking Popeye out cold and sending his spinach flying into the air. The Nazis, believing Popeye to be dead, emerge from their U-boat and salute; all of Popeye's spinach falls through the U-boat's bulkhead door. Popeye, dazed and unconscious, topples down to the ocean floor; taking the U-boat's propeller with him. Popeye quickly regains consciousness and takes out a can of spinach; swallowing its contents causes his arm to grow a depth charge. Using the propeller for transportation, he blows a hole in the Nazis U-boat. One-by-one, four Nazi soldiers emerge from the ruined sub as Popeye delivers them each a single uppercut, causing them to fly up into the minefield to their deaths. Popeye rows the half-destroyed U-boat to 10 Downing Street in London; he goes into foggiess and the half-destroyed U-boat ends up crashing into traffic, he is greeted with many cheers upon his arrival. Popeye exits the sub along with the Nazi captain, shouting "HEIL HITLER" and saluting once he exits. Popeye stuffs him back into the U-boat and puffs his tobacco pipe to "V for Victory" before the short irises out.<http://www.youtube.com/watch?v=0Ho91px5YTs>

Categories: "Short Film", "Comedy film", "Animation", "Propaganda film", "War film"



#1

Title: The Great Escape (ID 1008)

Summary:

Having expended enormous resources on recapturing escaped Allied prisoners of war, the Germans move the most determined to a new, high-security prisoner of war camp. The commandant, Luftwaffe Colonel von Luger, tells the senior British officer, Group Capt. Ramsey, "There will be no escapes from this camp." Ramsey replies that it is their duty to try to escape. After several failed escape attempts on the first day, the POWs settle into life at the prison camp. Gestapo and SD agents bring Squadron Leader Roger Bartlett to the camp and deliver him to von Luger. Known as "Big X," Bartlett is the principal organizer of escapes and Gestapo agent Kuhn orders that he be kept under the most restrictive permanent security confinement, which Col. von Luger, disgusted by the Nazis and the SS, only makes a "note" of, treating the command with complete contempt. As Kuhn leaves, he warns Bartlett that if he escapes again, he will be shot. Bartlett is then placed with the rest of the POWs, rather than the restrictive holding that Gestapo agent Kuhn had demanded. Locked up with "every escape artist in Germany", Bartlett immediately plans the greatest escape attempted-tunnels for breaking out 250 prisoners. The intent is to "confuse, confound and harass the enemy" to the point that as many troops and resources as possible will be wasted on finding POWs instead of being used on the front line. Teams are organized to tunnel, make civilian clothing, forge documents, procure contraband materials, and prevent guards from discovering their work. Flight Lieutenant Robert Hendley, an American in the RAF, is "the scrounger" who finds what the others need, from a camera to clothes and identity cards. Australian Flying Officer Louis Sedgwick, "the manufacturer," makes tools such as picks for digging and bellows for pumping air into the tunnels. Flight Lieutenant Danny Velinski and William "Willie" Dickes are "the tunnel kings" in charge of making the tunnels. Eric Ashley-Pitt of the Royal Navy devises a method of hiding bags in the prisoners' trousers and spreading dirt from the tunnels over the camp, under the guards' noses. Forgery is handled by Flight Lieutenant Colin Blythe, who becomes nearly blind from intricate work by candlelight. Hendley takes it upon himself to be Blythe's guide in the escape. The prisoners work on three tunnels simultaneously, calling them "Tom," "Dick" and "Harry." Work on Harry and Dick is stopped so that more work can be performed on Tom. The work noise is covered by the prisoner choir led by Flt. Lt. Denis Cavendish, who is also the group's surveyor. USAAF Captain Virgil Hiltz, "The Cooler King," irritates guards with frequent escape attempts and irreverent behavior. His first attempt, conceived in the cooler, is a short tunnel with RAF Flying Officer Archibald Ives; they are caught and returned to the cooler. While the British POWs enjoy a 4th of July celebration organized by the three Americans, the guards discover tunnel Tom. The mood drops to disappointment and hits Ives hardest. He is drawn to the barbed wire that surrounds the camp and climbs it in view of guards. Hiltz runs to stop him but is too late, and Ives is machine-gunned dead near the top of the fence. The prisoners switch their efforts to Harry. Hiltz agrees to change his plan and reconnoiter outside the camp and allow himself to be recaptured. The information he brings back is used to create maps showing the nearest town and railway station. The last part of the tunnel is completed on the night of the escape, but it proves to be 20 feet short of the woods, which are to provide cover. Danny nearly snaps from claustrophobia and delays those behind him, but is helped by Willie. Seventy-six escape. After attempts to reach neutral Switzerland, Sweden, and Spain, almost all the POWs are recaptured or killed. Hendley and Blythe steal an airplane to fly over the Swiss border, but the engine fails and they crash-land. Soldiers arrive. Blythe, his eyesight damaged, stands and is shot. Hendley waves and shouts "don't shoot", and is captured as Blythe dies. Cavendish, having hitched a ride in a truck, is captured at a checkpoint, discovering another POW, Haynes, captured in his German soldier disguise. Bartlett is recognized in a crowded railroad station by Gestapo agent Kuhn. Eric Ashley-Pitt sacrifices himself when he kills Kuhn with Kuhn's own gun, and soldiers then shoot and kill him. In the commotion, Bartlett and MacDonald slip away but they are caught while boarding a bus after MacDonald blunders by replying in English to a suspicious Gestapo agent who wishes them "Good luck". Hiltz steals a motorcycle, is pursued by German soldiers, jumps a first line barbed wire fence at the German-Swiss border, drives on the Neutral Zone, but becomes entangled in the second line of the barbed fence right on the Swiss-Border and is captured, he escapes execution as a spy by showing them the captain's bars on the inside of his shirt. Three truckloads of recaptured POWs go down a country road and split off in three directions. One truck, containing Bartlett, MacDonald, Cavendish, Haynes and others, stops in a field and the POWs are told to get out and "stretch their legs." They are shot dead. Fifty escapees are murdered. Hendley and nine others are returned to the camp. Von Luger is relieved of command of the prison camp and is driven away by the SS for failing to prevent the breakout. Only three make it to safety. Danny and Willie steal a rowboat and proceed downriver to the Baltic coast, where they board a Swedish merchant ship. Sedgwick steals a bicycle, then rides hidden in a freight train boxcar to France, where he is guided by the Resistance to Spain. Hiltz is brought back alone to the camp and taken to the cooler. Lieutenant Goff, one of the Americans, gets Hiltz's baseball and glove and throws it to him when Hiltz and his guards pass by. The guard locks him in his cell and walks away, but momentarily pauses when he hears the familiar sound of Hiltz bouncing his baseball against a cell wall. The film ends with the caption "This picture is dedicated to the fifty."

Categories: "History", "Action", "Drama", "Adventure", "War film"

Similarity: 0.860



#2

Title: Resident Evil: Apocalypse (ID 2972)

Summary:

13 hours after the initial T-virus outbreak in The Hive, the Umbrella Corporation sends in a research team to re-open the complex. The team is slaughtered by zombies. Lickers and the undead escape into the outside world. Umbrella establishes a security perimeter around Raccoon City. However, a little girl goes missing after the Umbrella car transporting her crashes. After surviving the Hive, Alice was recovered by Umbrella and experimented on. She now has superhuman strength, speed and agility. Waking up in an empty hospital, she wanders outside to find the city is a ghost town. She arms herself with a shotgun from a police car and starts walking. She is disturbed by a man who keeps showing up in visions, who was experimenting on her. While Umbrella is evacuating civilians at the last open bridge, police officer Jill Valentine confronts with Sergeant Peyton Wells. However, the T-virus infects a man having a heart attack, turning him into a zombie that bites Peyton. Umbrella supervisor Timothy Cain seals the exit and orders his soldiers to fire over the crowd's heads, scaring them back into the city. Elsewhere, Carlos Olivera and other Umbrella soldiers link up with Special Tactics And Rescue Squad units to defend against an onslaught of zombies in the city. Their positions are overrun, causing Carlos and his team to retreat with a bitten Yuri, who turns into a zombie and infects Carlos before being killed. Jill, Peyton and a news reporter named Terri Morales lock themselves in a church, which turns out to be full of Lickers; they are saved at the last minute by the heavily armed Alice. Umbrella dispatches their Nemesis program to kill all remaining STARS operatives, and plan to sanitize Raccoon City using a nuclear weapon. When Nemesis encounters a surviving citizen, L.J. and members of STARS, they open fire. He guns the STARS down but spares L.J.'s life when he drops his weapons. Dr. Charles Ashford, an Umbrella scientist and creator of the T-virus, has refused extraction until he has located and rescued his daughter Angela, and soon figures out she is hiding out in her school dormitory after the car crash. He contacts Alice and the other survivors, and offers to arrange their evacuation in exchange for rescuing Angela. Alice is separated from the group when Nemesis appears and kills the zombie Peyton. Jill and Terri make it to the school, picking up L.J. on the way, and they encounter Carlos and Nicholai, acting on the same offer. After encounters with zombie dogs and infected children who kill Nicholai and Terri, Alice saves the group again and they find Angela. Angela reveals she was injected with the T-virus; Dr. Ashford created the T-virus to allow her to walk, but he also created the anti-virus because of the T-virus's potential for mutations. Alice reveals she was injected as well, but is not suffering mutations. She injects Carlos with the anti-virus to save him. Dr. Ashford gives Alice the location of the extraction point at City Hall, where the helicopter waits. The group makes it to the rendezvous, but are cornered by Major Cain, who has caught wind of Dr. Ashford's intentions and is holding him prisoner. All but Alice are restrained, and seconds later Nemesis appears. Major Cain commands Alice to fight Nemesis. Alice refuses, until Dr. Ashford is shot and killed. She relents and fights him, impaling him on a pole. Defeating Nemesis, she realizes he is Matt Addison. Her stand rekindles a trace of Nemesis's former humanity and they join forces and attack the Umbrella forces. Nemesis is killed, protecting Alice. She is hit with a propeller from a blown up helicopter and knocked out. Angela and Carlos go to her. Carlos helps her to a helicopter and they escape in it. Alice throws Major Cain out of the helicopter. He shoots a few infected people, but ultimately is overcome. The nuclear missile detonates over the center of Raccoon City, destroying it completely. The helicopter is caught in the blast wave and crashes. As the helicopter falls, a metal pole comes loose and is flung towards Angela. Alice moves in front of Angela and is impaled, saving her. Some hours after the explosion, Umbrella employees locate the helicopter's crash site, deep in the Arklay Mountains. There, they find Alice's body, badly burned. The others are nowhere to be found. Umbrella employees take her body. The media shows that Terri's footage has been shown to the press, saying that Umbrella released the zombies and the T-virus. Umbrella denies this, arguing that it is a hoax. Umbrella promotes a fake story about a nuclear power plant explosion near the city. The media announce that Jill and Carlos are wanted by the police for questioning. Three weeks later, in the midwest Umbrella research facility, Alice awakens. Led by Umbrella scientist Dr. Isaacs, the doctors begin questioning her. Soon she recalls events from Raccoon City and before. She realizes that the doctor who appeared in her visions is Dr. Isaacs. She attacks him, and fights her way out of the facility. She makes her way outside only to be surrounded by more Umbrella guards holding her at gunpoint. Suddenly, Jill, Carlos, Angela, and L.J. pull up, disguised as Umbrella employees. Carlos shows the guards a written order placing her in his custody. Alice enters the vehicle, and as they drive away, Angela asks her if she is all right. She doesn't respond, and Dr. Isaacs is shown saying, "Let them go," and then "Program Alice activated." A close-up of her eye shows a flashing Umbrella logo. The scene then pulls away from the car they are in and all the way out into space, where an Umbrella satellite is seen.

Categories: "Thriller", "Science Fiction", "Horror", "World cinema", "Doomsday film", "Sci-Fi Horror", "Zombie Film", "Action"

Similarity: 0.857



#3

Title: Hell Is for Heroes (ID 2691)

Summary:

Squad leader Sgt. Larkin and his men are getting ready to take a well-deserved rest after being on the front line for several weeks. During an interlude at a church and later at a tavern, the senior non-commissioned officer, Technical Sergeant Pike, happens upon John Reese, a former sergeant who is now a private. Reese is the quintessential troubled loner, managing to alienate himself from almost everyone in the squad right from the beginning. The company commander, Capt. Loomis, is worried because Reese goes crazy when there is no fighting, but Pike comments that he is a good soldier in combat. Sgt. Pike informs the men that they will shortly be going back on the line. After much complaining, the men get ready to move out. The remaining members of 2nd Squad include con-man/thief Corby, the mechanic-who-can-fix-anything Corporal Henshaw, the easy-going, somewhat-naive kid, Cumberly, Polish refugee Homer Janeczek ([Nick Adams and family man Kolinsky). The morning after they arrive at their appointed post and dig in, the men realize they are spread so thin that any reconnaissance by the Germans will quickly reveal how weak the American defenses are. One stroke of good luck is the sudden and mistaken arrival of an Army company clerk, Private First Class James Driscoll. Larkin quickly puts Driscoll's jeep to use by having Henshaw rig it to backfire and sound like a tank. Driscoll himself is put to use improvising misleading radio messages for a hidden microphone left by the Germans in an abandoned pillbox. A German raid results in Cumberly's death, but Reese manages to kill three Germans in close combat. So wound up by the combat that he can barely stand still, Reese recommends hitting the German pillbox on the other side of a field filled with mines and barbed wire to make the enemy think the Americans are at normal strength. Larkin decides to go find some help and see if he can get permission from Pike for the attack, but is killed in an artillery barrage. Reese decides to proceed without orders and persuades the others to go along. The attack fails, with Henshaw fatally burned by his exploding flamethrower tanks and Kolinsky dying screaming from shrapnel through the back and abdomen. Reinforcements do arrive soon thereafter, along with Sgt. Pike and Capt. Loomis, who berates Reese and decides not to court-martial the insubordinate private only so he can be at the front of the American assault at dawn. The pillbox fires on the advancing Americans. Reese throws a satchel charge into the pillbox. When it is tossed out by the defenders, he grabs it and, by now gravely wounded, carries it in

n, blowing up the fortification and himself.

Categories: "Anti-war", "Action", "Anti-war film", "Combat Films", "War film"

Similarity: 0.857



#4

Title: Night of the Living Dead (ID 1070)

Summary:

The story begins with the siblings Barbra and Johnny driving to rural Pennsylvania to visit their father's grave. In the graveyard Johnny teases Barbra that "They're coming to get you, Barbra" and then they are violently attacked by a strange man. Johnny tries to rescue his sister, but is killed after he falls and cracks his head on a gravestone. Barbra flees with the zombie in pursuit to a farmhouse where, to her horror, she discovers a woman's mangled corpse. Running out of the house, she is caught between the house and strange menacing figures that are akin to the zombie in the graveyard. A man named Ben arrives in a car and takes her back inside the house. Ben asks Barbra if she lived in the farmhouse, but Barbra is slowly going into shock. Hiding in the cellar of the farmhouse are married couple Harry and Helen Cooper and their daughter Karen, who sought refuge after a group of zombies turned over their car; and teenage couple Tom and Judy who arrived after hearing an emergency broadcast about a series of brutal murders. Ben turns on a radio while Barbra awakens from a stupor. Harry asks everyone to hide in the cellar, but Ben deems it a "deathtrap" and remains upstairs. Harry returns to the cellar to Helen and Karen. Karen has fallen seriously ill after being bitten on the arm by one of the zombies. Radio reports explain that a state of mass murder is sweeping across the East Coast of the United States. When Ben finds a television, the emergency broadcaster reports that the recently deceased have become reanimated and are consuming the flesh of the living. Experts, scientists, and the United States military do not know the cause, though one scientist suspects radioactive contamination from a space probe returning from Venus that exploded in the Earth's atmosphere here. When news reports reveal local rescue centers offering refuge and safety, Ben plans to leave and obtain medical care for Karen. Tom states that the closest center is 17 miles away in the town of Willard. Ben and Tom then go to refuel Ben's truck while Harry hurls Molotov cocktails from an upper window to keep the zombies at bay. Fearing for Tom's safety, Judy follows him. At the pump, Tom accidentally spills fuel, setting the truck ablaze. Tom and Judy try to withdraw the truck to avoid further damage; but it explodes, killing them both. Ben returns to the house but is unable to enter because Harry has locked the door behind him. He pounds on the door and shouts without result, and is finally forced to kick the door down only to find Harry retreating to the cellar. Angered by Harry's cowardice, Ben attacks him, while the zombies feed on Tom and Judy outside. In the house, a report on the television reveals that, aside from setting the "reanimated bodies" on fire, a gunshot or heavy blow to the head will stop them, and that posses of armed men are patrolling the countryside to restore order. Moments later, the zombies attempt to break into the house. Harry grabs Ben's rifle and threatens to shoot him, but Ben takes back the gun and shoots Harry, who stumbles into the cellar to collapse next to Karen, who has died of the infection of her injury. The zombies begin to pull Helen and Barbara through the windows; but Helen frees herself and goes down to the cellar to find a reanimated Karen consuming Harry. Helen falls and Karen kills her with a masonry trowel. Barbara, distracted by seeing Johnny as one of the zombies, is carried away by the horde and pulled through them. The undead break into the house, and Ben heads into the cellar. He knocks Karen out of the cellar, and he seals himself in the cellar. He shoots Harry and Helen just as they reanimate. The next morning, Ben is killed by a member of the posse, who mistakes him for a zombie, and placed onto a burning pyre along with other dead bodies.

Categories: "Horror", "Indie", "Doomsday film", "Black-and-white", "Cult", "Mystery", "Splatter film", "Zombie Film"

Similarity: 0.852



#5

Title: Napoléon (ID 549)

Summary:

The scenario of the film as originally written by Gance was published in 1927 by Librairie Plon. Much of the scenario describes scenes that were rejected during initial editing, and do not appear in any known version of the film. The following plot includes only those scenes that are known to have been included in some version of the film. Not every scene described below can be viewed today. Brownlow 1983, p. 264 In the winter of 1779-1780, ten-year-old Napoleon Buonaparte is enrolled at Brienne College, a military school for sons of nobility, run by the religious Minim Fathers in Brienne-le-Château, France. The boys at the school are holding a snowball fight organised as a battlefield. Two bullies—Philippeaux and Peccaduc—schoolyard antagonists of Napoleon, are leading the larger side, outnumbering the side that Napoleon fights for. These two sneak up on Napoleon with snowballs enclosing stones. A hardened snowball draws blood on Napoleon's face. Napoleon is warned of another rock-snowball by a shout from Tristan Fleuri, the school's scullion and a friend to Napoleon. Napoleon recovers himself and dashes alone to the enemy snowbank to engage the two bullies in close combat. The Minim Fathers, watching the snowball fight from windows and doorways, applaud the action. Napoleon returns to his troops and encourages them to attack ferociously. He watches keenly and calmly as this attack progresses, assessing the balance of the struggle and giving appropriate orders. He smiles as his troops turn the tide of battle. Carrying his side's flag, he leads his forces in a final charge and raises the flag at the enemy stronghold. The monks come out of the school buildings to discover who led the victory. A young military instructor, Jean-Charles Pichegru, asks Napoleon for his name. Napoleon responds "Nap-eye-only" in Corsican-accented French, and is laughed at by the others. Pichegru tells him that he will go far. In class, the boys study geography. Napoleon is angered by the condescending textbook description of Corsica. He is taunted by the other boys, and kicked by the two bullies who hold flanking seats. Another of the class's island examples is Saint Helena, which puts Napoleon into a pensive daydream. Unhappy in school, Napoleon writes about his difficulties in a letter to his family. A bully reports to a monk that Napoleon is hiding letters in his bed, and the monk tears the letter to pieces. Angry, Napoleon goes to visit the attic quarters of his friend Fleuri, a place of refuge where Napoleon keeps his captive bird, a young eagle that was sent to him from Corsica by an uncle. Napoleon tenderly pets the eagle's head, then leaves to fetch water for the bird. The two bullies take this opportunity to set the bird free. Napoleon finds the bird gone and runs to the dormitory to demand the culprit show himself. None of the boys admits to the deed. Napoleon exclaims that they are all guilty, and begins to fight them all, jumping from bed to bed. In the clash, pillows are split and feathers fly through the air as the Minim Fathers work to restore order. They collar Napoleon and throw him outside in the snow. Napoleon cries to himself on the limber of a cannon, then he looks up to see the young eagle in a tree. He calls to the eagle which flies down to the cannon barrel. Napoleon caresses the eagle and smiles through his tears. In 1792, the great hall of the Club of the Cordeliers is filled with revolutionary zeal as hundreds of members wait for a meeting to begin. The leaders of the group, Georges Danton, Jean-Paul Marat and Maximilien Robespierre, are seen conferring. Camille Desmoulins, Danton's secretary, interrupts Danton to tell of a new song that has been printed, called "La Marseillaise". A young army captain, Claude Joseph Rouget de Lisle has written the words and brought the song to the club. Danton directs de Lisle to sing the song to the club. The sheet music is distributed and the club learns to sing the song, rising in fervor with each passage. At the edge of the crowd, Napoleon, now a young army

lieutenant, thanks de Lisle as he leaves: "Your hymn will save many a cannon." Splashed with water in a narrow Paris street, Napoleon is noticed by Joséphine de Beauharnais and Paul Barras as they step from a carriage on their way into the house of Mademoiselle Lenormand, the fortune teller. Inside, Lenormand exclaims to Joséphine that she has the amazing fortune to be the future queen. On the night of 10 August 1792, Napoleon watches impassively as mob rule takes over Paris and a man is hung by revolutionaries. In front of the National Assembly, Danton tells the crowd that they have cracked the monarchy. Napoleon senses a purpose rising within him, to bring order to the chaos. The mob violence has tempered his character. Napoleon, on leave from the French Army, travels to Corsica with his sister, Élisa. They are greeted by his mother, Letizia Buonaparte and the rest of his family at their summer home in Les Millelli. The shepherd Santo-Ricci interrupts the happy welcome to tell Napoleon the bad news that Corsica's president, Pasquale Paoli is planning to give the island to the British. Napoleon declares his intention to prevent this fate. Riding a horse and revisiting places of his childhood, Napoleon stops in Millelli gardens and considers whether to retreat and protect his family, or to advance into the political arena. Later in the streets of Ajaccio, Pozzo di Borgo encourages a mob to put Napoleon to death for opposing Paoli, and the townsfolk surround the Buonaparte home. Napoleon stands outside the door and stares the crowd down, dispersing them silently. Paoli signs a death warrant, putting a price on Napoleon's head. Napoleon's brothers, Lucien and Joseph, leave for Calvi to see if French authorities can intervene. Napoleon faces the danger alone, walking in to an inn where men are arguing politics, all of whom would like to see him dead. He confronts the men and says, "Our fatherland is France&nbsp;...with me!" His arguments subdue the crowd, but di Borgo enters the inn, accompanied by gendarmes. Napoleon evades capture and rides away on his horse, pursued by di Borgo and his men. Upstairs in the Ajaccio town hall, a council declares war on France even while the French flag flies outside the window. Napoleon climbs up the balcony and takes down the flag, shouting to the council, "It is too great for you!" The men fire their pistols at Napoleon but miss as he rides away. While chasing Napoleon, di Borgo stretches a rope across a road that Napoleon is likely to take. As expected, Napoleon rides toward the rope, but he draws his saber and cuts it down. Napoleon continues at high speed to the shore where he finds a small boat. He abandons the horse and gets into the boat, discovering that it has no oars or sail. He unfurls the French flag from Ajaccio and uses it as a sail. He is drawn out into the open sea. Meanwhile in Paris, meeting in the National Assembly, the majority Girondists are losing to the Montagnards: Robespierre, Danton, Marat and their followers. Robespierre calls for all Girondists to be indicted. The Girondists seek to flee but are repulsed. The assembly hall rolls with the struggle between Girondists and Montagnards. Later, in calm water, the small boat is seen by Lucien and Joseph Buonaparte aboard a French ship, Le Hasard. The larger ship is steered to rescue the unknown boat, and as it is pulled close, Napoleon is recognised, lying unconscious at the bottom, gripping the French flag. Waking, Napoleon directs the ship to a cove in Corsica where the Buonaparte family is rescued. The ship sails for France carrying a future queen, three future kings, and the future Emperor of France. A British warship, the HMS Agamemnon, sights Le Hasard, and a young officer, Horatio Nelson, asks his captain if he might be allowed to shoot at the enemy vessel and sink it. The captain denies the request, saying that the target is too unimportant to waste powder and shot. As Le Hasard sails away, an eagle flies to the Buonapartes and lands on the ship's flag pole. In July 1793, fanatic Girondist Charlotte Corday visits Marat in his home and kills him with a knife. Two months later, General Jean François Carteaux, in control of a French army, is ineffectively besieging the port of Toulon, held by 20,000 English, Spanish and Italian troops. Captain Napoleon is assigned to the artillery section and is dismayed by the obvious lack of French discipline. He confronts Carteaux in an inn run by Tristan Fleuri, formerly the scullion of Brienne. Napoleon advises Carteaux how best to engage the artillery against Toulon, but Carteaux is dismissive. An enemy artillery shot hits the inn and scatters the officers. Napoleon stays to study a map of Toulon while Fleuri's young son Marcellin mimes with Napoleon's hat and sword. Fleuri's beautiful daughter Violine Fleuri ([Annabella admires Napoleon silently. General Jacques François Dugommier replaces Carteaux and asks Napoleon to join in war planning. Later, Napoleon sees a cannon being removed from a fortification and demands that it be returned. He fires a shot at the enemy, and establishes the position as the "Battery of Men Without Fear". French soldiers rally around Napoleon with heightened spirits. Dugommier advances Napoleon to the position of commander-in-chief of the artillery. French troops under Napoleon prepare for a midnight attack. Veteran soldier Moustache tells 7-year-old Marcellin, now a drummer boy, that the heroic drummer boy Joseph Agricol Viala was 13 when he was killed in battle. Marcellin takes courage; he expects to have six years of life left. Napoleon orders the attack forward amidst rain and high wind. A reversal causes Antoine Christophe Saliceti to name Napoleon's strategy a great crime. Consequently, Dugommier orders Napoleon to cease attacking, but Napoleon discusses the matter with Dugommier and the attack is carried forward successfully despite Saliceti's warnings. English cannon positions are taken in bloody hand-to-hand combat, lit by lightning flashes and whipped by rain. Because of the French advance, English Admiral Samuel Hood orders the burning of the moored French fleet before French troops can recapture the ships. The next morning, Dugommier, seeking to promote Napoleon to the rank of brigadier general, finds him asleep, exhausted. An eagle beats its wings as it perches on a tree next to Napoleon. After being shamed in Toulon, Saliceti wants to put Napoleon on trial. Robespierre says he should be offered the command of Paris, but if he refuses he will be tried. Robespierre, supported by Georges Couthon and Louis Antoine de Saint-Just, condemns Danton to death. Saint-Just puts Joséphine into prison at Les Carmes where she is comforted by General Lazare Hoche. Fleuri, now a jailer, calls for "De Beauharnais" to be executed, and Joséphine's ex-husband, Alexandre de Beauharnais rises to accept his fate. Elsewhere, Napoleon is also imprisoned for refusing to serve under Robespierre. He works out the possibility of building a canal to Suez as Saliceti taunts him for not trying to form a legal defense. In an archive room filled with the files of condemned prisoners, clerks Bonnet and La Bussière work secretly with Fleuri to destroy some of the dossiers including those for Napoleon and Joséphine. Meanwhile, at the National Assembly, Violine with her little brother Marcellin, watches from the gallery. Voices are raised against Robespierre and Saint-Just. Jean-Lambert Tallien threatens Robespierre with a knife. Violine decides not to shoot Saint-Just with a pistol she brought. Back at the archives, the prison clerks are given new dossiers on those to be executed by guillotine: Robespierre, Saint-Just and Couthon. Joséphine and Napoleon are released from their separate prisons. Napoleon declines the request by General Aubry to command infantry in the War in the Vendée under General Hoche, saying he would not fight Frenchman against Frenchman when 200,000 foreigners were threatening the country. He is given a minor map-making command as punishment for refusing the greater post. He draws up plans for an invasion of Italy. In Nice, General Schérer sees the plans and laughs at the foolhardy proposal. The plans are sent back, and Napoleon pastes them up to cover a broken window in the poor apartment he shares with Captain Marmont, Sergeant Junot and the actor Talma. Napoleon and Junot see the contrast of cold, starving people outside of wealthy houses. Joséphine convinces Barras to suggest to the National Assembly that Napoleon is the best man to quell a royalist uprising. On 3 October 1795 Napoleon accepts, and supplies 800 guns for defense. Directed by Napoleon, Major Joachim Murat seizes a number of cannon to fight the royalists. Di Borgo shoots at Napoleon but misses; di Borgo is then wounded by Fleuri's accidental musket discharge. Saliceti is prevented from escaping in disguise. Napoleon sets Saliceti and di Borgo free. Joseph Fouché tells Joséphine that the noise of the fighting is Napoleon "entering history again". Napoleon is made General in Chief of the Army of the Interior to great celebration. A Victim's Ball is held at Les Carmes, formerly the prison where Joséphine was held. To amuse the attendees, Fleuri re-enacts the tragedy of the executioner's roll-call. The beauty of Joséphine is admired by Thérèse Tallien and Madame Juliette Récamier, and Napoleon is also fascinated. He plays chess with Hoche, beating him as Joséphine watches and entices Napoleon with her charms. The dancers at the ball become uninhibited; the y

young women begin to dance partially nude. In his army office, Napoleon tells 14-year-old Eugène de Beauharnais that he can keep his executed father's sword. The next day, Joséphine arrives with Eugène to thank Napoleon for this kindness to her only son. The general staff officers wait for hours while Napoleon clumsily tries to convey his feelings for Joséphine. Later, Napoleon practises his amorous style under the guidance of his old friend Talma, the actor. Napoleon visits Joséphine daily. Violine is greatly hurt to see Napoleon's attentions directed away from herself. In trade for agreeing to marry Napoleon, Joséphine demands of Barras that he place Napoleon in charge of the French Army of Italy. Playing with Joséphine's children, Napoleon narrowly misses seeing Barras in her home. Joséphine hires Violine as a servant. Napoleon plans to invade Italy. He wishes to marry Joséphine as quickly as possible before he leaves. Hurried preparations go forward. However, on the wedding day, 9 March 1796, Napoleon is two hours late. He is found in his room planning the Italian campaign, and the wedding ceremony is rushed. That night, Violine and Joséphine both prepare for the wedding bed. Violine prays to a shrine of Napoleon. Joséphine and Napoleon embrace at the bed. In the next room, Violine kisses a shadowy figure of Napoleon that she has created from a doll. Just before leaving Paris, Napoleon enters the empty National Assembly hall at night, and sees the spirits of those who had set the Revolution in motion. The ghostly figures of Danton and Saint-Just speak to Napoleon, and demand answers from him regarding his plan for France. All the spirits sing "La Marseillaise". Only 48 hours after his wedding, Napoleon leaves Paris in a coach for Nice. He writes dispatches, and letters to Joséphine. Back in Paris, Joséphine and Violine pray at the little shrine to Napoleon. Napoleon speeds to Albenga on horseback to find the army officers resentful and the soldiers starving. He orders a review of the troops. The troops respond quickly to the commanding presence of Napoleon and bring themselves to perfect attention. Fleuri, now a soldier, tries and fails to get a hint of recognition from Napoleon. The Army of Italy is newly filled with fighting spirit. Napoleon encourages them for the coming campaign into Italy, the "honour, glory and riches" which will be theirs upon victory. The underfed and poorly armed force advances into Montenotte and takes the town. Further advances carry Napoleon to Montezemolo. As he gazes upon the Alps, visions appear to him of future armies, future battles, and the face of Joséphine. The French troops move forward triumphantly as the vision of an eagle fills their path, a vision of the red, white and blue French flag waving before them.

Categories: "Silent film", "Drama", "Indie"  
Similarity: 0.849

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Title: New Mexico (ID 3538)

Abraham Lincoln himself comes to New Mexico to discuss living together in peace with Acoma, a feared and respected Indian chief. He presents the chief with a cane as a gift and symbol of their friendship. Lt. Hunt is promoted due to his personal assistance to Lincoln in arranging the truce. Unhappily, a bigoted superior officer, Col. McComb, and the dastardly Judge Wilcox are opposed to any such treaty, and when Hunt states his objection, McComb has him placed under arrest alongside Acoma and a number of Indian braves, also breaking the cane. Other members of the tribe break them out of jail, killing McComb and others in the process. Hunt takes command and cancels all travel in the region, angering a woman named Cherry who is planning a trip to Nevada. She arrogantly elects to leave anyway, as does Judge Wilcox, so a company of men led by Hunt goes along as escorts. Indians attack, frightening the woman and burying the judge in the sand. Hunt is disgusted with Cherry's selfish attitude and tells her so. She comes to know one of Acoma's sons, and when another uprising has fatal consequence for Indian warriors as well as Hunt, she and Acoma's son are lucky to have their lives spared.

Set in the American Midwest, the film begins with the murder of a Jewish radio host in Chicago. FBI undercover agent Catherine Weaver, alias Katie Phillips, sets out to infiltrate a farming community, suspected of harbouring those responsible. After receiving a warm welcome from land-owner and farmer Gary Simmons, his two children and extended family, she begins to believe that the FBI lead is erroneous. Throwing caution to the wind, she falls in love with Simmons, a Vietnam War veteran who appears to command the respect of the local community. A short while later, her suspicions are aroused by talk of family secrets and as more chilling events unfold, Katie is exposed to the fact that Gary is the leader of a Klan-like white supremacy group involved in heinous, often gut-wrenching, acts of racial violence. In too deep, Katie pleads with boss and mentor Michael Carnes (John Heard) to release her from the assignment, but he refuses, instead turning the screw on her mixed loyalties. Ultimately, she must betray either the man she loves or the country she has sworn to protect.

Locals are concerned with the growing influence and presence of Westerners and foreigners in Foshan. General Liu Yongfu of the Black Flag Army approaches Wong Fei-hung and requests that the latter help him muster and train a militia to assist in defending the town. Among those recruited by Wong are the butcher Porky Wing and an American-educated Chinese called Bucktooth So. Wong meets Siu-kwan, who is around the same age as him, and whom he addresses respectfully as "13th Aunt". Although they are not direct blood relations, her father was a sworn brother of Wong's grandfather so she is considered to be Wong's elder. They develop romantic feelings for each other but their relationship is often restrained as it is considered taboo in traditional culture. Leung Foon arrives in town with an opera troupe to stage performances. He runs into some trouble with the Shaho Gang, which terrorises local businesses by demanding "protection money" from them. He accidentally runs into 13th Aunt and falls in love with her. After being fired from the team, Leung meets a martial artist called "Iron Vest" Yim and becomes the latter's student. Yim wants to make his name and establish a martial arts school in Foshan, but he knows that he must first defeat Wong, the best fighter in town. Meanwhile, the Shaho Gang sets fire to Wong's clinic Po-chi-lam as a warning after Wong interfered when they caused trouble in town. The gangsters later seek shelter under the Americans from the Sino-Pacific Company after the governor issued orders for their arrests. In return for protection from the authorities, the thugs aid foreigners in human trafficking by kidnapping local women to be sold to distant lands as prostitutes. The Shaho Gang's boss meets Yim and agrees to help him if the latter allies with his gang and the Americans. The Shaho Gang abduct 13th Aunt while she is assisting an escaped labourer from America to avoid the local government's inspection. Wong and his followers are thrown into prison for fighting with soldiers sent by the authorities while buying time for 13th Aunt and the labourer to flee. The guards release Wong and his companions out of respect for them. Just then, Bucktooth So reports to Wong that 13th Aunt has been captured by the Shaho Gang. Wong and his men disguise themselves and infiltrate the Americans' base and defeat the foreigners and gangsters after a battle. Wong faces Yim in a man-on-man fight and overcomes the latter. Yim is killed by gunfire from the Americans, who were actually targeting Wong. Wong and his companions eventually succeed in rescuing 13th Aunt and the kidnapped women, and Wong kills the American leader Jackson by hurling an unused bullet into the latter's forehead with his fingers. At the end of the film, Leung Foon is seen being accepted by Wong as a student.

#3

Master Dinanath is a freedom fighter and led the war against the British in 1942 and eventually won the independence in 1947. But after independence, the people's love for their country seems to be diminishing and they are too busy betraying it like rich businessman Thakur Pratab Singh. Master Dinanath finds out about Thakur Pratab Singh's illegal activities such as smuggling of weapons and ammunition and gets him arrested. In revenge for putting him in prison, Pratab Singh gets Master Dinanath's wife Bharati and daughter Priti kidnapped by Thakur's partner in crime Sher Singh to try to change his ways but to no avail. Thakur also provokes an attack on Masterji's home by the local villagers who accuse Dinanath of betraying his country and he is forced to flee his home with his young son Raju. His wife becomes a victim of leprosy and escapes from Sher Singh, leaving her daughter Priti in a friend's care. Masterji is informed that his wife and daughter could be dead as they find a necklace of hers near the train tracks. Masterji is devastated by his wife and daughter's loss and he and his son move on with their life. They settle into a slum called Bharat Nagar which is divided in 4 sections with a don in each one of different backgrounds: Punjabi, Madrasi, Bengali and Muslim. All of them love their own section but nobody thinks of themselves as Indian except Masterji. Masterji sets out trying to bring peace between the four dons and once they settle their differences the four underworld dons use the Masterji's stay in Bharat Nagar to cover up their own illegal activities. 15 years later, Masterji's now grown-up son Raju turns out to be the opposite of his father by being drawn into the underworld committing crimes to earn money with his father unaware of what he does.

He starts working for Thakur Pratab Singh unaware that Thakur had once kidnapped his mother and sister many years earlier which caused their separation. Will Raju find out what Thakur did to his family, will Master Dinanath find out his son is not what he thinks he is? and will Master ever find his wife and daughter again?.

Categories: "Drama", "Political drama", "World cinema"

Similarity: 0.994



#4

Title: Ab Tumhare Hawale Watan Saathiyo (ID 2960)

Summary:

Major General Amarjeet Singh is a dedicated officer for the Indian army. His son Lieutenant Commander Vikramjeet Singh follows in his footsteps and joins the navy. Amarjeet is extremely proud of Vikramjeet but tragedy strikes when Vikramjeet is killed in action in a torpedo attack by a French made Ghazi class enemy Pakistani sub during the 1971 Indo-Pak conflict. After the defeat of Pakistan and India's victory everything is forgotten but the hatred and rivalry by a captured Pakistani POW remains. Years later Kunal joins army but has no intentions of remaining there. Amarjeet succeeds in making Kunal do something to honour his deceased father. Kunal comes across a desert party and sees Shweta Bhansali. It is love at first sight for him but she totally ignores him and does everything to avoid him. However she is doing this for a reason- she was once married. Shweta fell in love and married Major Rajeev Singh, unfortunately he was deployed for action on his wedding day and he had to leave his newly wed bride... In 1971 during the Indo-Pak war and the formation of Bangladesh, Lt. Commander Vikramjeet Singh has a ship in his command and a regiment of soldiers of the Indian Army, commanded by his dad, Major General Amarjeet Singh. The ship comes under attack by a submarine of the Pakistani Navy, undergoes damage, and sinks along with Vikramjeet, but not before he courageously rescues about a hundred of trapped army soldiers. Years later, Vikramjeet's son Kunaljeet joins the army as a Captain, but he lacks the values his dad and grandfather had in them about serving the country selflessly. He just wants to be employed with the army for a couple of years, then re-locate to the U.S., run a business, and make lots of money. In order to accomplish this he always makes up excuses of not going to the front. He falls in love with Shweta Bhansali, and decides to stay in the army in order to be close to her. In order to achieve a medal, he fakes heroism; then carelessly jeopardizes a planned attack on terrorists and as a result several terrorists escape to their hideouts. Disciplined and chastised, an injured and humbled Kunaljeet awaits to meet his sweetheart - only to find out that she is in love and married to his senior Officer Major Rajeev Singh, who is assumed to be dead but actually is a prisoner of war. The only thread binding him to the army is broken, and it is then Kunaljeet finds out that the terrorists in collusion with rebel Pakistani officers are planning to bomb the Bhagwan Shivji's Amarnath Temple in Jammu & Sikkim in order to wipe out the Hindu religion and culture once and for all. Will Kunaljeet act accordingly to save some lives, or will his rashness result in more casualties

Categories: "World cinema", "Action/Adventure", "Drama", "War film", "Romance Film", "Action"

Similarity: 0.994



#5

Title: Heroism (ID 4365)

Summary:

The first part is a bitter, tragicomic story of Dzikdzius, a street-wise bon-vivant, drunkard, and coward who unwillingly becomes a soldier in the Home Army during the Warsaw Uprising. Dzikdzius' wife Zosia is having an affair with a Hungarian officer stationed nearby, and Dzikdzius is ordered to contact the Hungarian unit and convince the officer to join the battle against the Nazis. The second novel is set in a POW camp for Polish soldiers. Lt. Zawistowski, one of the interned soldiers, decides to make an attempt to escape from the camp. While none of his fellow inmates are sure whether he succeeded, his absence upsets the guards and provides hope and inspiration for the rest of prisoners. Soon his legend grows, making him a hero within the camp and helping to boost the prisoners' morale. However, it turns out that Lt. Zawistowski didn't actually follow through on his escape plans, but is hiding in the attic of one of the barracks. It turns out that he was hiding from his colleagues, whose ostentatious patriotism he simply could not stand.

Categories: "Black comedy", "Drama", "World cinema", "War film"

Similarity: 0.994

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Locals are concerned with the growing influence and presence of Westerners and foreigners in Foshan. General Liu Yongfu

of the Black Flag Army approaches Wong Fei-hung and requests that the latter help him muster and train a militia to assist in defending the town. Among those recruited by Wong are the butcher Porky Wing and an American-educated Chinese called Bucktooth So. Wong meets Siu-kwan, who is around the same age as him, and whom he addresses respectfully as "13th Aunt". Although they are not direct blood relations, her father was a sworn brother of Wong's grandfather so she is considered to be Wong's elder. They develop romantic feelings for each other but their relationship is often restrained as it is considered taboo in traditional culture. Leung Foon arrives in town with an opera troupe to stage performances. He runs into some trouble with the Shaho Gang, which terrorises local businesses by demanding "protection money" from them. He accidentally runs into 13th Aunt and falls in love with her. After being fired from the team, Leung meets a martial artist called "Iron Vest" Yim and becomes the latter's student. Yim wants to make his name and establish a martial arts school in Foshan, but he knows that he must first defeat Wong, the best fighter in town. Meanwhile, the Shaho Gang sets fire to Wong's clinic Po-chi-lam as a warning after Wong interfered when they caused trouble in town. The gangsters later seek shelter under the Americans from the Sino-Pacific Company after the governor issued orders for their arrests. In return for protection from the authorities, the thugs aid foreigners in human trafficking by kidnapping local women to be sold to distant lands as prostitutes. The Shaho Gang's boss meets Yim and agrees to help him if the latter allies with his gang and the Americans. The Shaho Gang abduct 13th Aunt while she is assisting an escaped labourer from America to avoid the local government's inspection. Wong and his followers are thrown into prison for fighting with soldiers sent by the authorities while buying time for 13th Aunt and the labourer to flee. The guards release Wong and his companions out of respect for them. Just then, Bucktooth So reports to Wong that 13th Aunt has been captured by the Shaho Gang. Wong and his men disguise themselves and infiltrate the Americans' base and defeat the foreigners and gangsters after a battle. Wong faces Yim in a man-on-man fight and overcomes the latter. Yim is killed by gunfire from the Americans, who were actually targeting Wong. Wong and his companions eventually succeed in rescuing 13th Aunt and the kidnapped women, and Wong kills the American leader Jackson by hurling an unused bullet into the latter's forehead with his fingers. At the end of the film, Leung Foon is seen being accepted by Wong as a student.

Categories: "Martial Arts Film", "Adventure", "Chinese Movies"

Similarity: 0.968



#4

Title: Cops and Robbers (ID 2681)

Summary:

The film is set in Rome during the Marshall Plan. Ferdinando Esposito is a small villain who tries to support his family with his tricks. With his accomplice Amilcare pretends to have found an ancient coin in the Roman Forum and an American tourist cheats: Mr. Locuzzo that, unfortunately for him, is the chairman of a committee of the American charity. During the distribution of some gift-packs, also Esposito, these recognize and denounce the spot. So begins a comical car chase with a fat police officer, Sergeant Lorenzo Buttoni. At first unable to capture him, but then cheated by Esposito, if he blurts out. Suspended from duty for the protests of Mr. Locuzzo, the agent Buttoni risks losing their jobs if they fail to stop the thief within three months. Dressed in civilian clothes and hid the incident to his family, goes in search of Esposito. Find his house and so he knows the family, trying to ingratiate himself with favors and offers of food. Esposito, however, no trace. Gradually the two families become friends, and between his brother's wife's "Thief" and the daughter of the "guard" is a sympathy. Comes the day of the meal during which you know the two families and is taken for granted the presence of Esposito, unaware of his identity. Currently dell'agnizione, which takes place outside the home, Esposito chides him for having taken away the good faith of his family, while Buttoni confides his drama. A sort of human complicity develops between the two. So the roles are reversed and it is the same Esposito who decided to carry him to prison, despite the sergeant he is now reluctant. By hiding the truth to their families, believing instead that they have common concerns, the two leave the room friendly by making them believe that Esposito leaves for a business trip and accompany him to the station buttons. In his absence, will be Buttoni to think about the Esposito family.

Categories: "Crime Fiction", "Comedy", "Black-and-white"

Similarity: 0.967



#5

Title: Indian (ID 3608)

Summary:

The story runs on two tracks. One is that of Chandra Bose alias Chandru, a small-time broker outside the RTO who gets people to high positions by accepting bribes. He is supported in this work by Subbiah. Paneerselvam plays an officer in the RTO who has conflicts with Subbiah. Aishwarya and Chandru are in love with each other. Sapna is the daughter of Gandhikrishna, an officer in RTO. Her father promises to get Chandru a job of being a brake inspector in the RTO, if he runs errands for them. He agrees to work for them, and soon he becomes a brake inspector. The other track is of Senapathy, alias Indian, a 70-year-old man who kills top government officials in an extreme attempt to weed out corruption from Indian soil. Senapathy is also Chandru's father. Krishnaswamy is an intelligence officer out to nab the Indian. He manages to somehow trace his way to Senapathy's house and finds Senapathy posing as an ex-freedom fighter. Archived newspaper reports say that Senapathy was a soldier in the Indian National Army who was an extremist. Senapathy's wife Amirthavalli ([Sukanya is asked what Senapathy did to deserve a freedom fighter tag, and at this point, we are taken to the 1940s. Rebellions against the British, atrocities etc. are shown, culminating in Senapathy marrying Sukanya but leaving for Singapore to join Subhas Chandra Bose as part of the INA. He returns after independence. Krishnaswamy tries to arrest Senapathy, but his attempt is foiled, and Senapathy escapes with his expertise in the ancient martial art called Varmam. Senapathy then goes on to commit a murder in front of television audiences by killing a corrupt doctor who refused to attend immediately to Senapathy's daughter ([Kasthuri, who was suffering from third degree burns because he insisted on a bribe, which Senapathy refused. Chandru parts ways with his father because of his excessive insistence on honesty etc. and considers these values to be dead and worthless. How Senapathy evades the police and escapes arrest forms a major portion of the remaining part of the story. Public support is very high for the Indian because he exposes so many corrupt people. Senapathy does not do his son any favours either. Chandru had earlier taken a bribe and given a safety certificate to a bus with faulty brakes. The bus meets with an accident, killing school children it was carrying and thus Chandru is held responsible. Senapathy is bent on giving Chandru the same punishment as he gives others, i.e. death. After a few chase sequences, in the climax sequence in an airport Senapathy kills Chandru and apparently dies in an explosion. Krishnaswamy discovers through a video that Senapathy escaped moments before the jeep he killed his son in, exploded. The epilogue shows Senapathy calling Krishnaswamy from a foreign land, indicating that he will be back should the need for him arise. Finally, he told that there is no death for "INDIAN"

Categories: "Crime Thriller", "Musical", "Action", "Tamil cinema", "World cinema"

Similarity: 0.966



## 🔔 RECOMMENDATIONS FOR 🔔

Title: New Mexico (ID 3538)

### Summary:

Abraham Lincoln himself comes to New Mexico to discuss living together in peace with Acoma, a feared and respected Indian chief. He presents the chief with a cane as a gift and symbol of their friendship. Lt. Hunt is promoted due to his personal assistance to Lincoln in arranging the truce. Unhappily, a bigoted superior officer, Col. McComb, and the dastardly Judge Wilcox are opposed to any such treaty, and when Hunt states his objection, McComb has him placed under arrest along with Acoma and a number of Indian braves, also breaking the cane. Other members of the tribe break them out of jail, killing McComb and others in the process. Hunt takes command and cancels all travel in the region, angering a woman named Cherry who is planning a trip to Nevada. She arrogantly elects to leave anyway, as does Judge Wilcox, so a company of men led by Hunt goes along as escorts. Indians attack, frightening the woman and burying the judge in the sand. Hunt is disgusted with Cherry's selfish attitude and tells her so. She comes to know one of Acoma's sons, and when another uprising has fatal consequences for Indian warriors as well as Hunt, she and Acoma's son are lucky to have their lives spared.

Categories: "Western", "Action"



#1

Title: Warriors of the Rainbow: Seediq Bale (ID 4728)

### Summary:

The film Seediq Bale depicts the Wushe Incident, which occurred near Qilai Mountain of Taiwan under Japanese rule. Mona Rudao, a chief of Mahebu village of Seediq people, led warriors fighting against the Japanese. The film begins with a hunt by a mountain river in Taiwan. Two Bunun men are hunting a boar, but they are attacked by a group led by young Mona Rudao of Seediq people. Mona Rudao invades the territory, kills one of them and takes away the boar. In 1895, Treaty of Shimonoseki is signed between China and Japan, and Taiwan is ceded to Japan. Japanese invasion of Taiwan ends with Japan defeating Han Chinese resistance. Japanese military officials see the natives as an obstacle to the resources of Taiwan, and Mona Rudao and his father, Rudao Luhe, see Japanese as invaders. Mona Rudao and Rudao Luhe attack Japanese soldiers and feud with Temu Walis, a Seediq young man from Toda group. The Japanese collaborate with a group of Bunun to get Mona Rudao's men drunk and ambush them when they are asleep. After battles, eventually Mona Rudao's village Mahebu is under the control of the Japanese. Since then, some 20 years have passed. Mahebu village is forced to bury the heads of the killed enemies they have collected. Men are subject to low-wage logging labor and kept from traditional animal and human hunting; whereas women work in houses of the Japanese and give up the traditional weaving work; and children including the boy Pawan Nawi attend school in Wushe village. Above all, they are forbidden to tattoo their faces. The tattoo is believed to be the requirement for Seediq people to "go to the other side across the Rainbow Bridge" after death. There are also young people such as Dakis Nomin, Dakis Nawi, Obing Nawi and Obing Tadao, who adopt Japanese names, education and life style and attempt to work and live among Japanese. In late autumn of 1930, the village of Mona Rudao holds a wedding for a young couple. Mona Rudao goes hunting for the wedding and quarrels for hunting ground with Temu Walis, who is hunting with Japanese policeman Kojima Genji and his son. At the wedding, Yoshimura, a newly appointed and nervous Japanese policeman, inspects the village. Mona Rudao's first son, Tado Mona, offers to share his homebrewed millet wine with Yoshimura, but Yoshimura considers the beer unsanitary as it is fermented with saliva. Tado Mona's hands are also covered in blood from the animal he has just slaughtered. A fight with Tado Mona and his brother Baso Mona ensues. The fight is stopped, but Yoshimura fears for his life and threatens to punish the whole village. Young men, including Piho Sapo from Hogo village, see the punishment unacceptable and urge Mona Rudao to start war with the Japanese. Mona Rudao tells them that it is impossible to win. But Mona Rudao also sees the war as necessary and decides to fight. In a few days Mona Rudao calls on neighboring villages to join force. They schedule to attack the Japanese on October 27, when Japanese will attend an athletic competition and gather on the schoolyard of the Wushe Village. The women, including Mona Rudao's first daughter, Mahung Mona, know the men are planning for a war and are sad. Dakis Nomin, a young man who adopted the Japanese name Hanaoka Ichiro and became a police officer, notices that Mona Rudao is preparing for war. He comes to a waterfall and tries to persuade Mona Rudao not to start the war, instead Mona Rudao persuades him to collaborate. After Dakis Nomin leaves, Mona Rudao sings with the ghost of Rudao Luhe and determines to start the war. In the night before, the natives attack the police outposts. Mona Rudao then rallies young men from village to village, and at last chief Tadao Nogan of Hogo village agrees to join Mona Rudao. [賽德克巴萊之荷歌社頭目 塔道諾幹.....巴蘭社頭目寫了半個月 這次希望能不要超過....](#). YAHOO!奇摩部落格. 04:34 AM 2011/12/25. . On October 27 the attack takes place as scheduled. All Japanese men, women and children are killed. Pawan Nawi and other boys kill their Japanese teacher and his family. Obing Nawi, a woman who wears Japanese clothes, is spared only because her husband Dakis Nomin covers her with a native clothing. Obing Tadao, who is daughter of chief Tadao Nogan and who also wears Japanese clothes, survives by hiding in a storage room. Native people attack a police station and take the guns. One Japanese police officer escapes and tells the outside world about the attack. The film ends with Mona Rudao sitting in the schoolyard which is full of bodies. The second film follows the attack on the school. The colonial government sees the uprising as a major crisis, and sends Major General Kamada Yashiko leading 3000 police and soldiers to fight the 300 men on Mona Rudao's side. The Japanese use machine guns and airplanes but cannot win the battles in the mountains. Pawan Nawi and other boys earn their face tattoos. Dakis Nomin and his wife Obing Nawi, who adopted Japanese names and lifestyle, are caught in ambivalence. Dakis Nomin puts on native clothes, kills his wife and son then commits suicide. Dakis Nawi, a young man with similar ambivalence, commits suicide with Dakis Nomin, but leaves his wife Obing Tadao to live on. They leave their message written on the wall. General Kamada is furious with the stalemate and orders to use the illegal poison gas bomb. On the other hand, Kojima Genji, an enraged policeman, sets bounty on men, women and children in Mona Rudao's village, and orders Temu Walis and his men to fight Mona Rudao. The battle turns against Mona Rudao's side. Many are lost to poison gas and Temu Walis' men. Mona Rudao's people lose the village to the Japanese and other natives and retreat to caves. Pawan Nawi and the boys feel desperate and ask to fight side by side with Mona Rudao. Mona Rudao asks them to recite their creation story in which the first man and first woman are formed from a tree that is half stone half wood. In the retreat the women kill the children then hang themselves on trees to conserve food for the warriors. Piho Sapo of Hogo village also helped his injured relative, Piho Walis, to hang himself. Temu Walis is shaken when he sees the hanged women, and claims that he fights for his own sake not for Kojima. Mona Rudao and his men launched a desperate attack on the Japanese force occupying the Mahebu village. Baso Mona, Mona Rudao's son, is injured and asks his brother to kill him. Pawan Nawi and the boys die fighting. Meanwhile in a river, Temu Walis and his men are ambushed by Piho Sapo and other men. In his illusion, Temu Walis thinks he is fighting young Mona Rudao before he dies. When Mona Rudao sees the fight is near the end, he gives leadership to his son Tado Mona, and returns to kill his wife and children. Some people of the village surrender and survive. Mahung Mona, daughter of Mona Rudao, is resuscitated by the Japanese, and is sent to offer Tado Mona's men wine and a chance to surrender. The men take the wine, and sing and dance with the women, but refuse to surrender. The war ends, and even Kamada is impressed by his enemy's spirit. Natives present and identify heads of the dead to Japanese for rewards, and it is shown that in the battle they feud with each other even further. The title cards tell that the surviving people of the villages that rebel are removed from their homes. Tado Mona and others hang themselves in the forests. Piho Sapo is captured and torture



d to death. Mona Rudao is missing and his body is found four years later by a native hunter. The hunter then sees Mona Rudao and his people following the Seediq legend to cross the rainbow bridge. The film ends with a scene of several natives telling their creation story.

Categories: "Action", "Drama", "Historical fiction"

Similarity: 0.857



#2

Title: Western Union (ID 4224)

Summary:

While surveying a telegraph line in 1861, Western Union engineer Edward Creighton is severely injured in an accident. He is discovered by Vance Shaw, an outlaw on the run from a posse. Forced to travel on foot after his horse was hurt, Shaw at first considers stealing Creighton's horse, but changes his mind and takes the man with him, saving his life. Some time later, following his recovery, Creighton returns to Omaha, Nebraska and plans the construction of a telegraph line from Omaha to Salt Lake City, Utah. Facing considerable opposition to the line from Confederate soldiers, Indians, and outlaws, Creighton elicits the help of his sister Sue, foreman Pat Grogan, and assistant Homer Kettle. Looking to put his outlaw past behind him, Shaw arrives at Creighton's Western Union office looking for honest work and is hired as a scout by Grogan who is unaware of his past. Creighton recognizes him among the men and allows him to stay despite his suspicions. Creighton also hires tenderfoot Richard Blake, a Harvard-educated engineer as a favor to Blake's father. Shaw and Blake are both attracted to Sue and vie for her attention, but their romantic rivalry is cut short when construction of the telegraph line starts on July 4, 1861. After work commences on the line, one of the men is killed apparently by a mysterious band of cattle-rustling Indians. Unconvinced that Indians are to blame, Shaw rides out to investigate and follows the rustlers' trail to the camp of Jack Slade, a former friend and cohort, whose gang committed the killing disguised as Indians—the gang Shaw left following his last bank robbery. Slade reveals that they are working for the Confederacy to disrupt Western Union because they believe the telegraph service will help the Union. Shaw rides away and returns to the line. Not wanting to turn in his former friends, Shaw tells Creighton that a large band of Dakota Indians stole the cattle, and recommends that they simply replace the herd and not risk a fight with the Indians. Sometime later, a confrontation takes place between men working on the forward line and a band of drunken Indians. When one of the Indians tries to steal some equipment, a nervous Blake shoots him, ignoring Shaw's order to remain calm. After word arrives that the main camp is under attack by other Indians, the Western Union men rush back to help with the defense. At the main camp, Slade's men, who are again disguised as Indians, steal the Western Union horses. The company discovers the ruse when one of the wounded Indians turns out to be a white man. Forced to buy back their stolen horses from Slade, Creighton becomes suspicious of Shaw's involvement, especially when he admits to knowing the gang. Soon the U.S. Army arrives and announces the Indians have now refused to allow the telegraph lines to go through their territory in response to Blake's shooting of the drunken Indian. Creighton, Shaw, and Blake ride out to convince Chief Spotted Horse to allow them to build the line through Indian territory, even though the man Blake wounded was Spotted Horse's son. Creighton is finally able to persuade the Indians to allow them passage, and work continues until the company approaches Salt Lake City. Sometime later, Shaw receives word that Jack Slade wants to meet with him. On the way to see Slade, Shaw is captured and bound by Slade's men. Slade says his group is going to burn down the Western Union camp and they don't want Shaw to interfere. After Slade and his men ride off, Shaw escapes from his ropes but arrives back too late to prevent the fire. He helps rescue some of the Western Union men from the flames and burns his hands in the process. After the fire, Creighton confronts Shaw for an explanation, but Shaw does not reveal what he knows and is fired by Creighton. As Shaw leaves the camp, he tells Blake that Slade is actually Shaw's brother and that he, Shaw, will find Slade's gang and stop them from interfering with the telegraph project. Shaw rides off and finds Slade and his men in a nearby town. At the barber shop, Shaw confronts his brother, whose gun is concealed under the barber's sheet. Slade shoots Shaw through the sheet. Shaw fights back in spite of his wound, killing some of the gang members, and then dies. Blake arrives and continues the fight with Slade who dies from his wounds. Soon after, the Western Union line is completed and the workers celebrate. When Sue laments the absence of Shaw, Creighton tells her that Shaw can hear them.

Categories: "Western"

Similarity: 0.851



#3

Title: Almost Heroes (ID 3437)

Summary:

Leslie Edwards, a foppish, wealthy, high-society aristocrat, and the loud, low-brow Bartholomew Hunt are competing against the renowned Lewis & Clark to be the first to chart and make it across the United States to the Pacific Ocean. In the beginning of the film, Edwards has high hopes to head the first expedition to make it across the U.S., but while he has ambition and funding, he has grown up sheltered and knows little of the wilderness he seeks to cross. To aid in his journey, he hires the services of a supposedly knowledgeable wilderness-man and tracker, Hunt, who, once they get underway, turns out to be less than advertised. Aided by a crew of varied, rugged and gristled frontiersmen, they are also joined by their group's version of Sacagawea, a young Indian woman by the name Shaquinna, who is integral in helping them find their way across the dangerous and unknown terrain ahead, as well as, eventually becoming Edwards' love interest. Along the way, the group goes through various mishaps and ordeals from having to deal with quirky, indigenous Indian tribes to vicious eagles, to running out of food and romantic snafus, as Hunt's ineptness often causes more problems than it solves. Along the way, Edward and Hunt's shared journey helps Edwards shed his aristocratic, snooty ways and learns camaraderie and honor, as well as a more humble view of a world he thought he understood. Hunt finds true friendship in Edwards and a sense of self-confidence he had not known before. After many hardships and setbacks, they eventually make it to the Pacific coast just minutes before Lewis and Clark's expedition. Once the celebration is over, however, they find that they don't necessarily want to go back to their old lives and collectively decide to continue their adventure, leading Edwards and Hunt's expedition to further explore the great uncharted world.

Categories: "Western", "Adventure Comedy", "Comedy", "Adventure"

Similarity: 0.848



#4

Title: The Plainsman (ID 2422)

Summary:

With the end of the American Civil War, military industrialists are left with an oversupply of weapons. Some of the more unscrupulous ones view the Indians as possible new customers. Wild Bill Hickok has just been discharged from the Union Army and is making his way back west. On a paddle steamer, he bumps into his old army scout colleague, Buffalo Bill Cody ([James Ellison] and his new bride. Later, Calamity Jane is the driver of their stagecoach to Hays, Kansas. John Lattimer, an agent for the gun makers, has supplied the Cheyenne Indians with repeating rifles, which enable them to kill ha

If of the troopers at a United States Cavalry outpost. Hickok discovers the rifles and reports it to General George Arms strong Custer . Custer sends out a resupply mule train to the fort with Cody as guide. Hickok tries to locate Yellow Hand ([Paul Harvey , the Cheyenne chieftain, to find out why the Indians have gone to war. When Calamity is captured by the Indians, Hickok tries to bargain for her release, but instead gets captured himself. Yellow Hand states that the Indians are fighting because the white man has starting settling land promised to the Indian and is killing off the buffalo. Yellow Hand promises to release his captives if they tell him the location of the resupply train. After much prodding from Calamity, Hickok professes his love for her just before he is about to be tortured. Calamity then discloses the route of the resupply train in order to save Hickok from being burned alive. Yellow Hand holds true to his word by releasing his two prisoners. The Indians attack the resupply train. Hickok sends Jane to get reinforcements while he fights alongside the besieged soldiers. After a desperate six-day siege on a river bank, the survivors are saved when Custer arrives with the cavalry. Back in town, Hickok catches up with Lattimer and tells him to get ready for a gun duel. Instead of going himself, Lattimer sends three cavalry deserters in his place. Hickok kills all three deserters in the gunfight, but this makes him a fugitive from the law. Hickok flees to the Dakota Territory. Calamity leaves for Deadwood separately when the townspeople find out that she was partly responsible for the attack on the supply train. Custer sends Cody after Hickok. After meeting in the woods, the two friends capture an Indian and learn that Custer has been killed at the Battle of the Little Bighorn and that the Cheyenne are moving to join the Sioux Indians in the Black Hills. They also learn that Lattimer is sending more rifles to the Indians, to be picked up in Deadwood. Instead of arresting his friend, Cody rides off to warn the cavalry, while Hickok goes to Deadwood to deal with Lattimer. Hickok kills Lattimer and detains Lattimer's henchmen for arrest by the cavalry. Hickok is shot in the back by Lattimer's informant Jack McCall while he is playing cards with the henchmen. The film ends with a heart-broken Calamity Jane cradling Hickok's body.

Categories: "Action/Adventure", "Western", "Biographical film", "Black-and-white"  
Similarity: 0.847



#5

Title: Dances with Wolves (ID 1958)

Summary:

In 1863, First Lieutenant John J. Dunbar is injured in the American Civil War. Rather than having his leg amputated, he takes a horse and rides up to the Confederate front lines, distracting them in the process. The roused Union army then attacks and the battle ends a Confederate rout. Dunbar survives, is allowed to properly recover, receives a citation for bravery and is awarded Cisco, the horse who carried him, as well as his choice of posting. Dunbar requests a transfer to the western frontier so he can see its vast terrain before it goes. Dunbar arrives at his new post, Fort Sedgwick, but finds it abandoned and in disrepair. Despite the threat of nearby Native American tribes, he elects to stay and man the post himself. He begins rebuilding and restocking the fort and prefers the solitude afforded him, recording many of his observations in his journal. Dunbar initially encounters his Sioux neighbors when several attempts are made to steal his horse and intimidate him. In response, Dunbar decides to seek out the Sioux camp in an attempt to establish a dialogue. On his way he comes across Stands With A Fist , who has injured herself in mourning of her deceased husband. She is the white adopted daughter of the tribe's medicine man Kicking Bird ([Graham Greene , as her white family was killed by the aggressive Pawnee tribe when she was young. Dunbar returns her to the Sioux to be treated, which changes their attitude toward him. Eventually, Dunbar establishes a rapport with Kicking Bird and warrior Wind In His Hair who equally wish to communicate. Initially the language barrier frustrates them, so Stands With A Fist, though with difficulty remembering her English, acts as translator. Dunbar finds himself drawn to the lifestyle and customs of the tribe and begins spending most of his time with them. Learning their language, he becomes a hero among the Sioux and is accepted as an honored guest after he locates a migrating herd of buffalo and participates in the hunt. When at Fort Sedgwick, Dunbar also befriends a wolf he dubs "Two Socks" for its white forepaws. When the Sioux observe Dunbar and Two Socks chasing each other, they give him his Sioux name "Dances with Wolves". During this time, Dunbar also forges a romantic relationship with Stands with a Fist and helps defend the village from an attack by the rival Pawnee. Dunbar eventually wins Kicking Bird's approval to marry Stands with a Fist, and abandons Fort Sedgwick. Because of the growing Pawnee and white threat, Chief Ten Bears decides to move the tribe to its winter camp. Dunbar decides to accompany them but must first retrieve his journal from Fort Sedgewick. However, when he arrives he finds it occupied by the U.S. Army. Because of his Sioux clothing, the soldiers mistake him for a Native and open fire, killing Cisco and capturing Dunbar. Sgt Baur interrogates him, but Dunbar cannot prove his situation as Corporal Spivey had secretly stolen his journal. As a result, along with Dunbar's refusal to serve as an interpreter to the tribes, he is accused of treason and transported back east as a prisoner. While traveling in the armed caravan, the soldiers kill Two Socks when the wolf attempts to follow Dunbar. Eventually the Sioux track the convoy, killing the soldiers and freeing Dunbar. At the winter camp, Dunbar decides to leave with Stands With A Fist since his status will put the tribe in danger. As they leave, Wind In His Hair shouts across to Dunbar, reminding him of their friendship. U.S. troops are seen searching the mountains but are unable to locate them, while a lone wolf howls in the distance. An epilogue states that thirteen years later the last remnants of Sioux were subjugated to the American government, ending the conquest of the Western frontier states and the livelihoods of the tribes in the plains.

Categories: "Adventure", "Epic Western", "Costume drama", "Indian Western", "Film adaptation", "Epic", "Action/Adventure", "Revisionist Western", "Western", "Drama", "Period piece", "War film"

Similarity: 0.847

## Ανάλυση αποτελεσμάτων

### Σύστημα συστάσεων βασισμένο μόνο στο tfidf

Αρχικά, θα συνοψίσουμε τις βελτιστοποιήσεις που πραγματοποιήσαμε:

- Βελτιστοποιήσεις προεπεξεργασίας:
  - Προσθήκη stopwords που δεν περιέχονταν στο έτοιμο σύνολο, μερικά εκ των οποίων είναι λέξεις αδιάφορες στην εύρεση ομοιοτήτων ταινιών (π.χ. film).
  - Αφαίρεση χαρακτήρων που δεν είναι γράμματα και αριθμοί. Οι αριθμοί κρατήθηκαν σκόπιμα διότι θεωρούμε ότι χρονολογίες μπορούν να φανούν χρήσιμες σε έναν recommender.
  - Εφαρμογή stemming.
  - Αφαίρεση λέξεων μήκους 3 και λιγότερο.

- Βελτιστοποιήσεις στον TfidfVectorizer:
  - Ορισμός άνω και κάτω ορίων στη συχνότητα εμφάνισης λέξεων, έτσι ώστε να μειωθούν σημαντικά οι διαστάσεις χωρίς όμως να χειροτερεύει αισθητά η ποιότητα των προτάσεων.
  - Δεν κρίθηκε σκόπιμο να μεταβάλλουμε άλλες παραμέτρους του vectorizer, καθώς οι περισσότερες από αυτές αφορούν διαδικασίες που πραγματοποιήσαμε ήδη στην προεπεξεργασία, ενώ κάποιες άλλες δεν επέφεραν καμία αισθητή αλλαγή στην ποιότητα των προτάσεων.

Σημειώνουμε ότι τα παραπάνω **έχουν εξηγηθεί με περισσότερη λεπτομέρεια εντός της εργασίας**.

Παραπάνω στην εργασία μας έχουμε παραθέσει δύο παραδείγματα ταινιών για τις οποίες ο συγκεκριμένος recommender παράγει εύστοχες προτάσεις και δύο παραδείγματα στα οποία αποτυγχάνει. Συγκεκριμένα, παρατηρούμε τα εξής:

- Για την ταινία με ID 3538 (New Mexico) παράγονται πολύ ικανοποιητικές προτάσεις, με τρεις από τις πέντε είτε να είναι western είτε να αφορούν Ινδιάνους. Αξίζει να σημειωθεί ότι μία από αυτές τις ταινίες-προτάσεις είναι πολύ σχετική παρόλο που αυτό δεν φαίνεται από τα categories της, τα οποία περιλαμβάνουν μόνο το "silent film". Αυτό μας δείχνει ότι **η προσπάθειά μας να συσχετίσουμε ταινίες μέσω της περιγραφής τους είναι πράγματι πολύ επιτυχημένη σε ορισμένες περιπτώσεις**, βρίσκοντας ομοιότητες που δύσκολα θα βρίσκαμε κοιτώντας μόνο τις κατηγορίες των ταινιών.
- Αντίστοιχα, για την ταινία με ID 475 (Spinach Fer Britain) όλες οι προτάσεις φαίνεται να έχουν κάποια σχέση με πόλεμο ή πιο συγκεκριμένα με Ναζί.
- Παρατηρούμε επίσης ότι στις ίδιες ταινίες, οι προτάσεις του recommender χωρίς τις βελτιστοποιήσεις μας είναι αισθητά λιγότερο σχετικές.
- Ωστόσο, όπως αναφέρθηκε ήδη βρήκαμε και παραδείγματα ταινιών για τις οποίες τα αποτελέσματα δεν είναι πολύ σχετικά. Συγκεκριμένα:
  - Για την ταινία με ID 618 (Monty Python's The Meaning of Life) οι προτάσεις βασίζονται σε πολλές λέξεις που είναι ασήμαντες για το περιεχόμενο της ταινίας (π.χ. brought, toward, hand) και έτσι δεν είναι ιδιαίτερα σχετικές.
  - Για την ταινία με ID 3481 (Breeders) μία από τις προτάσεις είναι πράγματι πάρα πολύ παρόμοια με το θέμα της ταινίας, ενώ οι άλλες δύο είναι εντελώς άσχετες και φαίνεται να βασίζονται στην κοινή λέξη "Dale" (το όνομα κάποιου χαρακτήρα).

Συμπεραίνουμε ότι, με κάποιες προϋποθέσεις, ο συγκεκριμένος recommender μπορεί να παράγει καλά αποτελέσματα και να βρει ομοιότητες που δεν θα βρίσκαμε μελετώντας μονάχα τα categories. Ωστόσο, μερικές φορές τείνει να στηρίζεται σε λέξεις οι οποίες - ακόμα και αν είναι σπάνιες - δεν υποδεικνύουν σημαντική ομοιότητα ανάμεσα σε ταινίες. Επομένως, για να βελτιωθεί ικανοποιητικά η επίδοση ενός τέτοιου ταξινομητή μάλλον θα χρειαζόμασταν πολύ περισσότερα stopwords από αυτά που χρησιμοποιήσαμε. Αναμένουμε ότι οι recommenders που βασίζονται στο Word2Vec θα αντιμετωπίσουν αυτό το πρόβλημα καλύτερα.

## Σύγκριση και σχολιασμός με recommenders βασισμένων στο Word2Vec

Από τις προτάσεις ταινιών που τυπώσαμε παραπάνω για τους τρεις recommenders μας, καθώς και τις διάφορες δοκιμές που πραγματοποιήσαμε, έχουμε να παρατηρήσουμε τα εξής:

- Οι recommenders που είναι βασισμένοι στο Word2Vec παράγουν εν γένει καλύτερα αποτελέσματα για μεγαλύτερο πλήθος ταινιών συγκριτικά με τον προηγούμενο που βασιζόταν μόνο στο TFIDF.
- Συγκριτικά μεταξύ τους, ο τρίτος (με dimensionality 300) φαίνεται να παράγει καλύτερα αποτελέσματα για μεγαλύτερο πλήθος τίτλων.
- Οι recommenders δεν κάνουν πάντοτε επιτυχημένες προτάσεις. Συγκεκριμένα, σε όσα τυπώσαμε παραπάνω μπορούμε να παρατηρήσουμε ότι συμβαίνουν αρκετές "άσχετες" προτάσεις, π.χ. μία ταινία Resident Evil ως πρόταση σε πολεμική - προπαγανδιστική ταινία κινουμένων σχεδίων (Spinach Fer Britain). Ωστόσο, αυτά τα λάθη αποτελούν εξαιρέσεις.
- Σε ορισμένες περιπτώσεις παρατηρούμε ότι ο recommender TFIDF παρήγαγε καλύτερα αποτελέσματα, π.χ. στο Spinach Fer Britain φαίνεται να πρότεινε περισσότερες ταινίες σχετικές με πολέμους και πιο συγκεκριμένα ναζιστική Γερμανία. Παρόλα αυτά, σε γενικές γραμμές οι τρεις νέοι recommenders μας τείνουν να παράγουν πιο σχετικές προτάσεις και έτσι είναι πιο δύσκολο να βρούμε κάποια ταινία για την οποία πολλές προτάσεις να είναι αποτυχημένες, το οποίο συνέβαινε για τον recommender TFIDF.

Θα παραθέσουμε και έναν πίνακα που να περιέχει πληροφορίες σχετικά με τους χρόνους loading και συγκρότησης του corpus για καθέναν από τους recommenders μας.

Model	Dimensionality	Loading Time	Build Time
glove-twitter-25	25	~1 min	3.51 s
glove-wiki-gigaword-100	100	~1 min	3.51 s
word2vec-google-news-300	300	~10 min	2.92 s

Παρατηρούμε ότι το loading time για το μοντέλο με τη μεγαλύτερη διαστατικότητα ήταν σημαντικά μεγαλύτερο από τα άλλα δύο,

ενώ το build time είναι σχεδόν ίδιο για όλα. Παρ' όλα αυτά, επειδή το τρίτο παράγει σταθερά πιο καλές προτάσεις, θα επιλέγαμε τον recommender που προκύπτει από αυτό το μοντέλο για το συγκεκριμένο πρόβλημα. Θα πρέπει φυσικά να σημειωθεί ότι οι χρόνοι φόρτωσης εξαρτώνται και από την ταχύτητα δικτύου, εκτός από τον όγκο δεδομένων κάθε μοντέλου.

## Εφαρμογή 2. Τοπολογική και σημασιολογική απεικόνιση της ταινιών με χρήση SOM

### Δημιουργία dataset

```
In [2]: import somoclu
import matplotlib
import numpy as np
# we will plot inside the notebook and not in separate window
%matplotlib inline
```

```
In [3]: def build_final_set(mycorpus, doc_limit = 5000, tf_idf_only = False):
# convert sparse tf_idf to dense tf_idf representation
dense_tf_idf = mycorpus[0 : doc_limit, :]
if(tf_idf_only):
# use only tf_idf
final_set = dense_tf_idf
else:
# append the binary categories features horizontally to the (dense) tf_idf features
final_set = np.hstack((dense_tf_idf, catbins[0 : doc_limit, :]))
# η somoclu θέλει δεδομένα σε float32
return np.array(final_set, dtype = np.float32)
```

```
In [4]: from google.colab import drive
drive.mount("/content/drive/")
```

Mounted at /content/drive/

Σύμφωνα με τα συμπεράσματά μας στο προηγούμενο μέρος της εργασίας, για αυτό το μέρος θα προτιμήσουμε να χρησιμοποιήσουμε τον πίνακα βαρών που προκύπτει από το μοντέλο word2vec με διαστατικότητα 300.

```
In [6]: dbfile = open("/content/drive/My Drive/Colab Notebooks/NN/tl_doc.pkl", "rb")
best_documents = pickle.load(dbfile)
dbfile.close()

tv = TfidfVectorizer(max_df = 0.999, min_df = 0.0035)
vocab = tv.vocabulary_
best_tfidf = tv.fit_transform(best_documents).toarray()

print(best_tfidf.shape)

(5000, 5084)
```

```
In [8]: dbfile = open("/content/drive/My Drive/Colab Notebooks/NN/catbins_pickle.pkl", "rb")
catbins = pickle.load(dbfile)
dbfile.close()
```

```
In [12]: best_corpus = np.asarray(build_tfw2v(best_documents, best_tfidf, model_large, 300))
```

```
In [13]: finalSet = build_final_set(best_corpus, doc_limit = 5000)
print(finalSet.shape)

(5000, 622)
```

### Εκπαίδευση χάρτη SOM

```
In [16]: from sklearn.cluster import KMeans
```

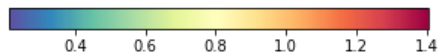
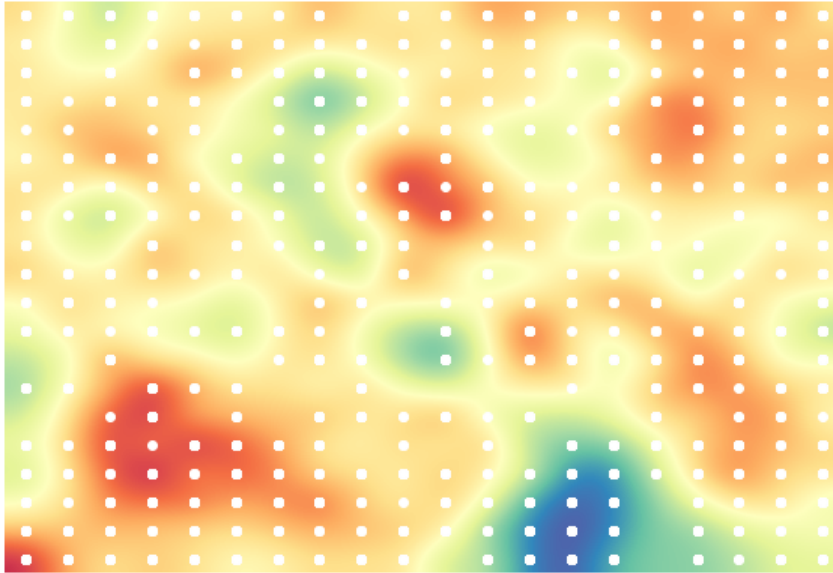
Παρακάτω θα δείξουμε μία από τις δοκιμές που κάναμε καθώς πειραματιζόμασταν με τις υπερπαραμέτρους του χάρτη.

```
In [17]: rows, columns = 20, 20
som = somoclu.Somoclu(columns, rows, compactsupport = False)
%time som.train(data = finalSet, epochs = 100)
```

CPU times: user 8min 8s, sys: 1.55 s, total: 8min 10s  
Wall time: 5min 27s

## Οπτικοποίηση U-matrix, clustering και μέγεθος clusters

```
In [18]: som.view_umatrix(bestmatches = True, colorbar = True, figsize = (10, 10))
```



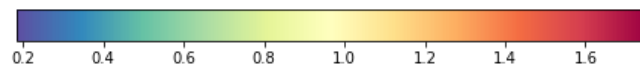
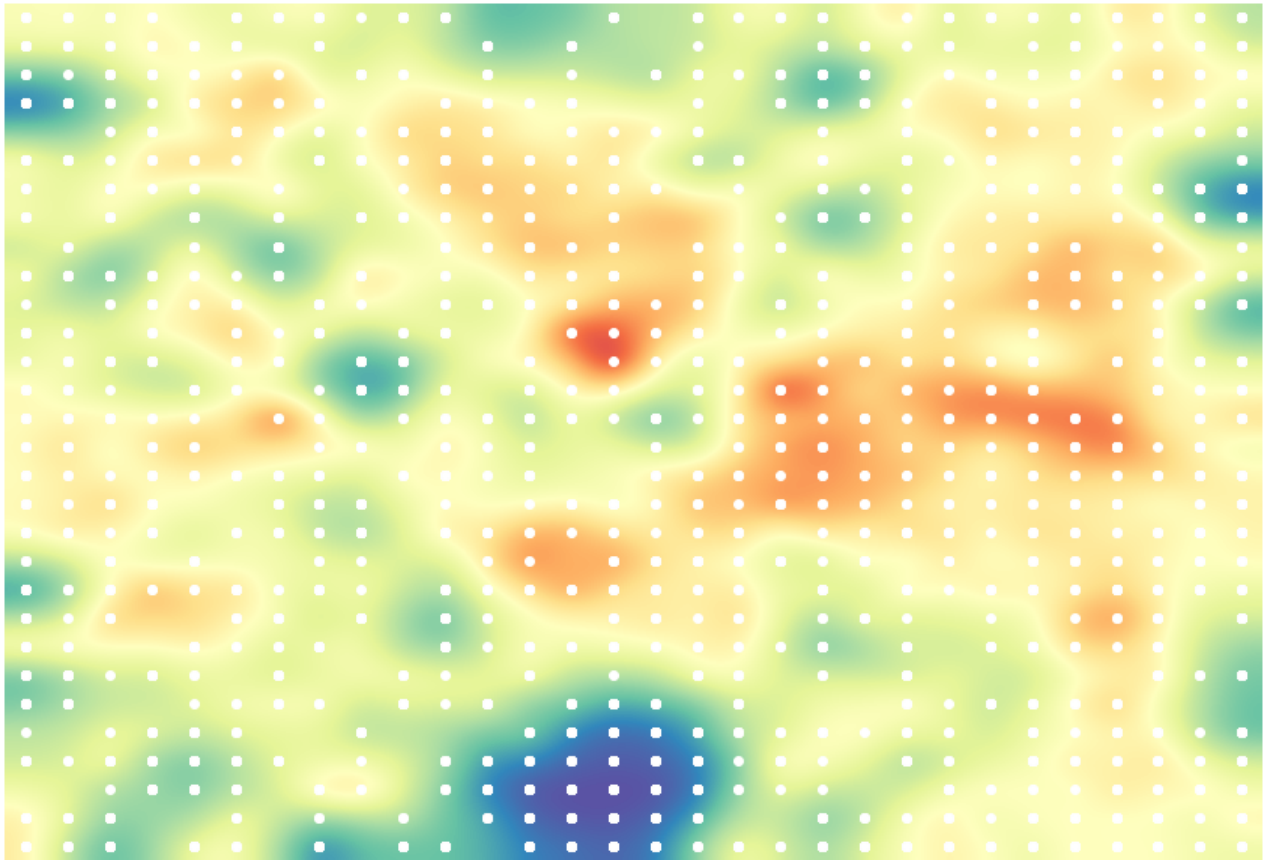
```
Out[18]: <module 'matplotlib.pyplot' from '/usr/local/lib/python3.7/dist-packages/matplotlib/pyplot.py'>
```

Παρατηρούμε ότι στον παραπάνω χάρτη **δεν έχει γίνει επαρκής συσταδοποίηση**, επομένως οδηγούμαστε σε αύξηση των νευρώνων (και κατά συνέπεια και του παράγοντα  $k$  στον αλγόριθμο  $k$ Means).

```
In [135... rows, columns = 30, 30  
som = somoclu.Somoclu(columns, rows, compactsupport = False)  
%time som.train(data = finalSet, epochs = 100)
```

CPU times: user 18min 36s, sys: 2.84 s, total: 18min 39s  
Wall time: 9min 37s

```
In [136... som.view_umatrix(bestmatches = True, colorbar = True, figsize = (15, 15))
```

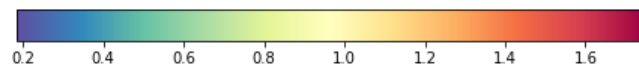
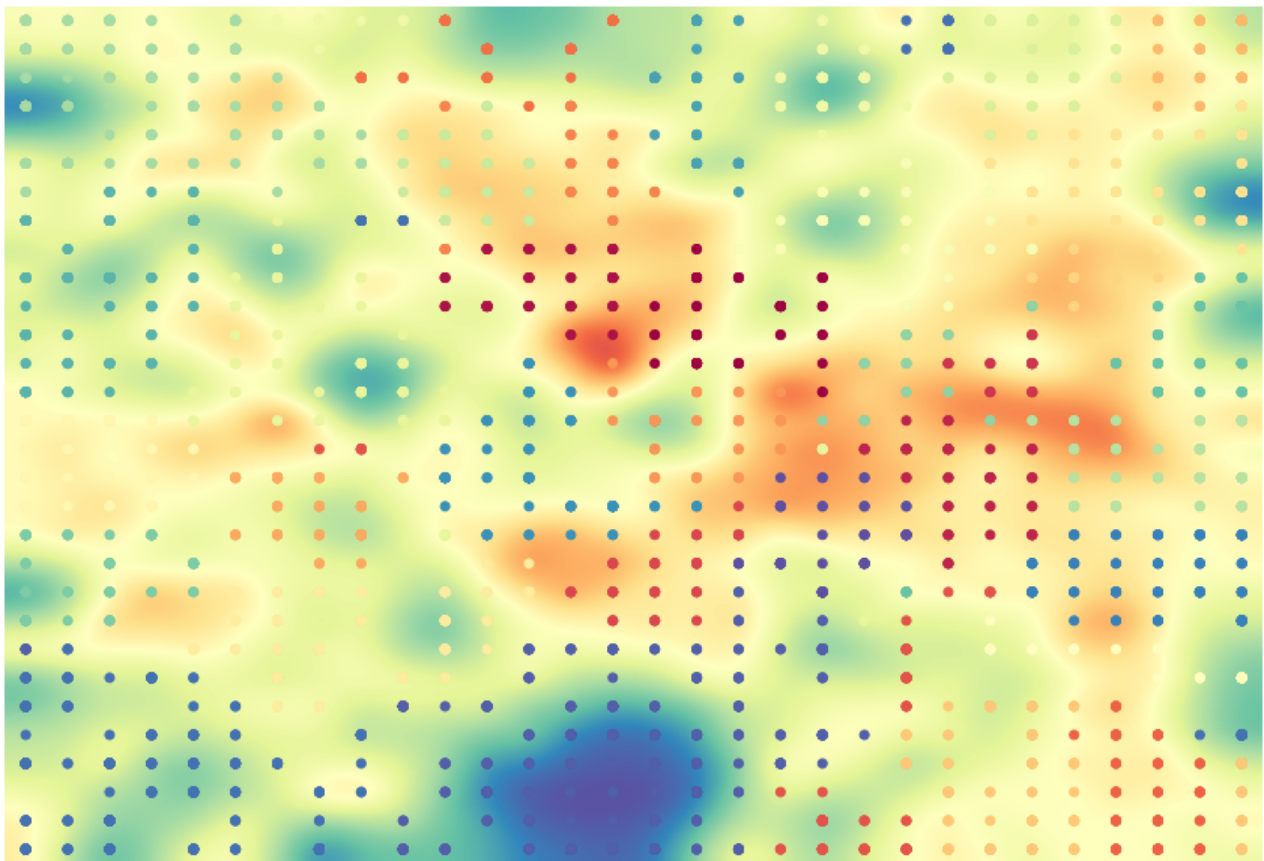


Out[136]: <module 'matplotlib.pyplot' from '/usr/local/lib/python3.7/dist-packages/matplotlib/pyplot.py'>

Παρατηρούμε ότι με τις παραμέτρους αυτές ο χάρτης έχει εμφανώς διαμορφωμένα clusters.

```
In [138... som.cluster(algorithm = KMeans(35))
som.view_umatrix(bestmatches = True, colorbar = True, figsize = (15, 15))
```





Out[138]: <module 'matplotlib.pyplot' from '/usr/local/lib/python3.7/dist-packages/matplotlib/pyplot.py'>

Μετά από την εφαρμογή του kMeans αναμένουμε **το χρώμα των κόμβων να μεταβάλλεται κοντά στις κόκκινες περιοχές**, οι οποίες αποτελούν σύνορα μεταξύ των clusters. Πράγματι, στον παραπάνω χάρτη αυτό έχει επιτευχθεί σε ικανοποιητικό βαθμό, χωρίς όμως να ισχύει απόλυτα. Αυτό είναι λογικό, καθώς δεν γίνεται οι συσχετίσεις μεταξύ κατηγοριών ταινιών να αποτυπωθούν τέλεια σε δύο διαστάσεις.

Παρακάτω θα τυπώσουμε τα clusters με πίνακα αριθμών. Μελετώντας τον πίνακα παρατηρούμε ότι μερικά clusters στον παραπάνω χάρτη έχουν πολύ παρόμοιο χρώμα και είναι δύσκολο να διακριθούν μεταξύ τους.

```
In [147... np.set_printoptions(linewidth = np.inf)
print(som.clusters)
```

```

[[10 10 10 10 10 10 15 15 15 15 27 27 27 27 27 5 5 5 15 15 15 2 2 13 13 13 13 23 23 23]
[10 10 10 10 10 10 15 15 15 15 27 27 27 27 27 5 5 5 15 15 15 2 2 13 13 13 13 23 23 23]
[10 10 10 10 10 10 10 15 27 27 27 27 27 27 5 5 5 5 15 15 15 15 13 13 13 13 13 23 23 23]
[10 10 10 10 10 10 10 10 27 27 26 12 27 26 5 5 5 5 15 15 15 15 13 13 13 13 13 23 23 20]
[10 10 10 10 10 10 10 10 10 12 12 12 12 26 26 5 5 5 15 15 2 16 16 13 13 20 20 20 20]
[10 10 10 10 10 10 10 10 10 12 12 12 12 26 26 26 5 5 5 16 16 16 16 20 20 20 20 20 20]
[10 10 6 6 6 6 10 10 10 2 12 12 12 12 26 26 26 5 5 16 16 16 16 16 16 20 20 20 20 20]
[6 6 6 6 6 6 14 14 2 2 2 12 12 12 12 26 26 10 16 16 16 16 16 16 16 20 20 20 20 20]
[6 6 6 6 6 6 14 14 2 26 26 33 33 33 33 33 34 16 16 16 16 16 16 16 21 21 20 20 20]
[6 6 6 6 6 6 14 14 14 2 33 33 33 33 33 10 34 34 34 34 16 16 16 16 21 21 21 21 7 7]
[6 6 6 6 6 6 14 14 14 14 14 33 33 33 33 33 34 34 34 34 16 16 16 9 9 21 21 7 7 7]
[6 6 6 6 6 6 14 14 14 14 14 33 33 33 33 34 34 34 34 9 9 9 31 31 31 7 7 7 7]
[6 6 6 6 6 6 14 14 14 14 14 4 4 4 25 34 34 34 34 9 9 31 31 31 31 7 7 7 7]
[6 6 6 6 6 6 14 14 14 14 14 4 4 4 25 25 25 25 25 34 9 9 31 31 31 7 7 7 7]
[18 18 18 18 14 14 14 14 14 14 4 4 4 25 25 25 25 9 9 32 32 9 11 11 11 11 11 11]
[18 18 18 18 18 24 24 29 29 14 4 4 4 25 25 25 25 14 32 32 32 32 11 11 11 11 11 11]
[18 18 18 18 18 24 24 24 24 4 4 4 4 25 25 25 0 0 0 32 32 32 11 11 11 11 11 11]
[18 18 18 18 18 24 24 24 24 4 4 4 4 4 4 30 0 0 0 32 32 11 11 11 11 11 11]
[8 8 8 8 8 24 24 24 24 14 4 4 4 4 30 30 30 0 0 0 32 32 3 3 3 3 3 3]
[8 8 8 8 8 8 24 24 24 19 19 19 19 30 30 30 0 0 0 32 32 3 3 3 3 3 3]
[8 8 8 8 8 19 19 19 19 19 19 19 19 30 30 30 1 0 0 7 29 29 3 3 3 3 3 3]
[8 8 8 8 19 19 19 19 19 19 19 19 30 30 30 1 1 1 14 29 29 17 17 3 3 3 3]
[1 2 10 2 19 19 19 19 19 19 19 19 1 1 1 1 1 1 1 29 29 29 17 17 17 17 17 17]
[2 2 2 2 2 19 19 19 19 19 19 1 1 1 1 1 1 1 1 29 29 29 22 17 17 17 17 17]
[2 2 2 2 2 2 19 19 2 1 1 1 1 1 1 1 1 1 1 29 29 22 22 22 28 28 17 17]
[2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 22 22 22 22 28 28 2 2]
[2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 22 22 22 22 22 28 28 28 22]
[2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 29 29 29 22 22 22 22 28 28 22]
[2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 29 29 29 29 22 22 22 28 28 22]
[2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 29 29 29 29 22 22 22 28 28 22]

```

Παρακάτω θα τυπώσουμε πόσοι νευρώνες ανήκουν στο κάθε cluster. Αυτό θα μας χρησιμεύσει στην παρακάτω ανάλυσή μας.

```

In [148... temp = np.column_stack(np.unique(som.clusters, return_counts = True)).tolist()
temp.sort(key = lambda x: x[1], reverse = True)
print("Clusters sorted by decreasing number of neurons")
print(temp)

```

Clusters sorted by decreasing number of neurons

```

[[1, 83], [2, 73], [10, 53], [14, 43], [6, 38], [19, 36], [16, 34], [22, 32], [4, 29], [20, 28], [15, 25], [29, 25], [3,
22], [5, 22], [11, 21], [34, 21], [8, 20], [13, 20], [24, 20], [0, 19], [18, 19], [25, 19], [27, 19], [32, 19], [33, 1
9], [7, 18], [12, 17], [17, 17], [28, 17], [30, 16], [26, 14], [9, 13], [23, 11], [31, 10], [21, 8]]

```

```

In [149... bmus = som.bmus
print(bmus.shape)

```

(5000, 2)

## Σημασιολογική ερμηνεία των clusters

```

In [86]: ## given list of movie ids, print categories by frequency
def categoriesStats(titleList):
    uniqueCategories = {}
    for titleID in titleList:
        for cat in categories[titleID]: ## already a list
            if(cat in uniqueCategories): uniqueCategories[cat] += 1
            else: uniqueCategories[cat] = 1

    uniqueCategories = dict(sorted(uniqueCategories.items(), key = lambda x: x[1], reverse = True))

    return uniqueCategories

```

```

In [175... ## given a specific cluster, return all neurons assigned to it
def printClusterNeuronsMovieReport(clusterNumber):
    allNeurons = np.column_stack(np.where(som.clusters == clusterNumber))
    allMovies = neuronMoviesReport(allNeurons)
    print(f"Cluster #{clusterNumber}")
    print(f"Neurons: {len(allNeurons)}, ", end = '')
    print(f"Total movies: {len(allMovies)}")
    res = categoriesStats(allMovies)
    print(*res.items())

```

```

In [103... ## given a set of neurons, return a list of all movies matched to them
## https://stackoverflow.com/a/33218744
def neuronMoviesReport(neuronList):
    return [i for i in range(5000) if (neuronList == bmus[i]).all(1).any()]

```

Παρακάτω θα τυπώσουμε μερικά παραδείγματα clusters που τηρούν συγκεκριμένες ιδιότητες που μας ενδιαφέρουν. **Η εξήγηση και ανάλυση των συμπερασμάτων μας θα γίνει στο τέλος για όλες τις παρακάτω ιδιότητες.**

### Largest clusters

Σημείωση: Το cluster 30 έχει τυπωθεί μετά από το cluster 1 επειδή είναι γειτονικό του και αρκετά μικρότερο σε μέγεθος. Με βάση τις κατηγορίες τους φαίνεται ότι το cluster 30 αποτελεί μια υποκατηγορία του cluster 1.

```
In [176... printClusterNeuronsMovieReport(1)
```

```
Cluster #1
Neurons: 83, Total movies: 374
('Action', 334) ('Action/Adventure', 222) ('Adventure', 123) ('Comedy', 85) ('Science Fiction', 74) ('Thriller', 65) ('World cinema', 62) ('Drama', 58) ('Fantasy', 51) ('Crime Fiction', 49) ('Martial Arts Film', 49) ('Western', 37) ('Chinese Movies', 36) ('War film', 26) ('Japanese Movies', 26) ('Superhero movie', 25) ('Animation', 23) ('Romance Film', 23) ('Black-and-white', 20) ('Family Film', 20) ('Horror', 20) ('Indie', 17) ('Anime', 16) ('Action Comedy', 16) ('Superhero', 15) ('Parody', 14) ('Crime Thriller', 12) ('Action Thrillers', 11) ('Crime Comedy', 10) ('Heist', 10) ('Fantasy Adventure', 10) ('Buddy film', 10) ('Wuxia', 9) ('Disaster', 9) ('Costume drama', 9) ('Comedy film', 9) ('Spy', 8) ('Mystery', 8) ('Cult', 7) ('Epic', 7) ('Historical fiction', 6) ('Gangster Film', 6) ('Doomsday film', 6) ('Black comedy', 6) ('Sports', 6) ('Stop motion', 6) ('Caper story', 5) ('Zombie Film', 5) ('Romantic comedy', 5) ('Slapstick', 5) ('Period piece', 5) ('Film adaptation', 5) ('Television movie', 5) ('Creature Film', 5) ('Children's/Family', 4) ('Mythological Fantasy', 4) ('Remake', 4) ('Chase Movie', 4) ('Natural horror films', 4) ('Musical', 4) ('Monster', 4) ('Swashbuckler films', 4) ('Escape Film', 3) ('Biographical film', 3) ('Suspense', 3) ('Sword and Sandal', 3) ('Monster movie', 3) ('Spaghetti Western', 3) ('History', 3) ('Satire', 3) ('Sword and sorcery', 3) ('Time travel', 3) ('Historical Epic', 3) ('Bollywood', 3) ('Alien Film', 2) ('Costume Adventure', 2) ('Combat Films', 2) ('Slasher', 2) ('Political drama', 2) ('Crime Drama', 2) ('Sword and sorcery films', 2) ('Dystopia', 2) ('Political thriller', 2) ('Biography', 2) ('Airplanes and airports', 2) ('Comedy-drama', 2) ('Animal Picture', 2) ('Detective fiction', 2) ('Detective', 2) ('Comedy Thriller', 2) ('Jungle Film', 2) ('Adventure Comedy', 2) ('Blaxploitation', 2) ('Screwball comedy', 1) ('Comedy of Errors', 1) ('Movie serial', 1) ('Teen', 1) ('Malayalam Cinema', 1) ('Romantic fantasy', 1) ('Supernatural', 1) ('Science fiction Western', 1) ('Fantasy Comedy', 1) ('Historical drama', 1) ('Coming of age', 1) ('Archaeology', 1) ('Ensemble Film', 1) ('Musical comedy', 1) ('Space western', 1) ('Music', 1) ('Musical Drama', 1) ('Reboot', 1) ('Horror Comedy', 1) ('Road movie', 1) ('Roadshow theatrical release', 1) ('Werewolf fiction', 1) ('Apocalyptic and post-apocalyptic fiction', 1) ('Comedy horror', 1) ('Propaganda film', 1) ('Pre-Code', 1) ('Mockumentary', 1) ('Sci Fi Pictures original films', 1) ('Documentary', 1) ('Erotic thriller', 1) ('B-Western', 1) ('Short Film', 1) ('Tamil cinema', 1) ('Samurai cinema', 1) ('Children's Fantasy', 1) ('Biopic [feature]', 1) ('Outlaw biker film', 1) ('Biker Film', 1) ('Sci-Fi Thriller', 1) ('Sci-Fi Adventure', 1) ('Prison', 1) ('Family-Oriented Adventure', 1) ('Fairy tale', 1) ('Filipino Movies', 1) ('Filipino', 1)
```

```
In [195... printClusterNeuronsMovieReport(30)
```

```
Cluster #30
Neurons: 16, Total movies: 41
('Drama', 39) ('Action/Adventure', 33) ('World cinema', 23) ('Adventure', 21) ('Period piece', 12) ('Romance Film', 11) ('War film', 11) ('Western', 10) ('Film adaptation', 8) ('Action', 8) ('Romantic drama', 5) ('Chinese Movies', 5) ('History', 5) ('Costume Adventure', 3) ('Historical fiction', 3) ('Martial Arts Film', 3) ('Revisionist Western', 3) ('Biography', 3) ('Comedy', 3) ('Crime Fiction', 3) ('Musical', 2) ('Historical Epic', 2) ('Japanese Movies', 2) ('Epic Western', 2) ('Costume drama', 2) ('Epic', 2) ('Indie', 2) ('Fantasy', 2) ('Docudrama', 2) ('Sports', 2) ('Musical comedy', 1) ('Musical Drama', 1) ('Sword and Sandal', 1) ('Wuxia', 1) ('Religious Film', 1) ('Anti-war', 1) ('Black-and-white', 1) ('Anti-war film', 1) ('Thriller', 1) ('Coming of age', 1) ('Indian Western', 1) ('Swashbuckler films', 1) ('Family Film', 1) ('Family-Oriented Adventure', 1) ('New Hollywood', 1) ('Airplanes and airports', 1) ('Children's/Family', 1) ('Teen', 1) ('Biographical film', 1) ('Television movie', 1) ('Spy', 1) ('Horror', 1) ('Supernatural', 1) ('Fairy tale', 1) ('Chase Movie', 1) ('Art film', 1) ('Bollywood', 1) ('Road movie', 1) ('Music', 1) ('Documentary', 1)
```

```
In [177... printClusterNeuronsMovieReport(2)
```

```
Cluster #2
Neurons: 73, Total movies: 488
('Horror', 381) ('Science Fiction', 135) ('Thriller', 113) ('Slasher', 85) ('B-movie', 58) ('Drama', 54) ('Creature Film', 50) ('Cult', 49) ('Comedy', 49) ('Indie', 45) ('Mystery', 43) ('Supernatural', 39) ('Teen', 36) ('Zombie Film', 33) ('Psychological thriller', 32) ('Romance Film', 28) ('World cinema', 24) ('Fantasy', 23) ('Horror Comedy', 23) ('Japanese Movies', 22) ('Action', 20) ('Adventure', 20) ('Black-and-white', 20) ('Monster movie', 19) ('Crime Thriller', 17) ('Natural horror films', 14) ('Crime Fiction', 14) ('Sci-Fi Horror', 14) ('Television movie', 12) ('Silent film', 12) ('Anime', 10) ('Monster', 9) ('Suspense', 9) ('Animation', 9) ('Alien Film', 8) ('Black comedy', 7) ('Gothic Film', 7) ('Short Film', 7) ('Film adaptation', 7) ('Parody', 7) ('Comedy film', 6) ('Haunted House Film', 5) ('Doomsday film', 5) ('Splatter film', 5) ('Action/Adventure', 5) ('Road-Horror', 4) ('Chinese Movies', 4) ('Documentary', 4) ('Period piece', 4) ('Costume Horror', 4) ('Disaster', 4) ('Time travel', 4) ('Stop motion', 4) ('Remake', 3) ('Romantic drama', 3) ('Detective fiction', 3) ('Detective', 3) ('Comedy horror', 3) ('Musical', 2) ('Mockumentary', 2) ('Action Thrillers', 2) ('Road movie', 2) ('Dystopia', 2) ('Albino bias', 2) ('Film noir', 2) ('Filipino Movies', 2) ('Fantasy Adventure', 2) ('Satire', 2) ('Steampunk', 2) ('Melodrama', 2) ('Archaeology', 2) ('Experimental film', 2) ('Apocalyptic and post-apocalyptic fiction', 2) ('Stoner film', 1) ('Music', 1) ('Surrealism', 1) ('Archives and records', 1) ('Point of view shot', 1) ('Extreme Sports', 1) ('Coming of age', 1) ('Swashbuckler films', 1) ('Spy', 1) ('Superhero', 1) ('Superhero movie', 1) ('Children's', 1) ('Animated cartoon', 1) ('Juvenile Delinquency Film', 1) ('Jungle Film', 1) ('Buddy film', 1) ('Family Film', 1) ('Avant-garde', 1) ('Children's Fantasy', 1) ('Sci Fi Pictures original films', 1) ('Plague', 1) ('Family-Oriented Adventure', 1) ('New Hollywood', 1) ('Master Criminal Films', 1) ('Historical fiction', 1) ('Religious Film', 1) ('Western', 1) ('Political thriller', 1) ('Political drama', 1) ('Beach Film', 1) ('Future noir', 1) ('Erotic thriller', 1) ('Media Satire', 1) ('Werewolf fiction', 1) ('Heaven-Can-Wait Fantasies', 1) ('Courtroom Drama', 1)
```

```
In [184... print(len([c for c in categories if "Action" in c]))
```

```
In [185... print(len([c for c in categories if "Horror" in c]))
```

516

Βλέπουμε ότι οι δύο βασικές κατηγορίες που εμφανίζονται στα μεγαλύτερα clusters (1 και 2) πράγματι εμφανίζονται με αρκετά μεγάλη συχνότητα στο σύνολο με τις 5000 ταινίες μας (δηλαδή σε ποσοστό 10-15% των ταινιών).

### Similar clusters

Εδώ θα ασχοληθούμε με clusters που είναι γειτονικά μεταξύ τους και έχουν παρόμοια θεματολογία.

```
In [178... printClusterNeuronsMovieReport(10)
```

Cluster #10

Neurons: 53, Total movies: 412

('Comedy', 401) ('Black-and-white', 56) ('Parody', 52) ('Romance Film', 48) ('Musical', 42) ('Indie', 39) ('Slapstick', 39) ('Crime Fiction', 36) ('Black comedy', 36) ('Satire', 31) ('Adventure', 21) ('World cinema', 20) ('Science Fiction', 17) ('Cult', 16) ('Crime Comedy', 15) ('Musical comedy', 15) ('Teen', 15) ('Fantasy', 14) ('Short Film', 13) ('Buddy film', 13) ('Screwball comedy', 12) ('Comedy of Errors', 12) ('Sports', 10) ('Thriller', 9) ('Western', 8) ('Drama', 8) ('Fantasy Comedy', 7) ('Sex comedy', 7) ('Horror', 7) ('Workplace Comedy', 7) ('Political cinema', 7) ('Absurdism', 6) ('Adventure Comedy', 6) ('Chinese Movies', 6) ('Comedy-drama', 6) ('Mockumentary', 6) ('Horror Comedy', 6) ('Mystery', 6) ('Coming of age', 6) ('Heist', 5) ('Comedy of manners', 5) ('Action', 5) ('Japanese Movies', 5) ('Domestic Comedy', 5) ('Road movie', 5) ('Political satire', 5) ('Children's/Family', 4) ('Action/Adventure', 4) ('Stoner film', 4) ('Comedy Western', 3) ('Caper story', 3) ('Animal Picture', 3) ('Comedy film', 3) ('War film', 3) ('Docudrama', 3) ('Music', 3) ('Comedy Thriller', 3) ('Filipino Movies', 2) ('Ensemble Film', 2) ('Heavenly Comedy', 2) ('Chase Movie', 2) ('Tragicomedy', 2) ('Beach Film', 2) ('Period piece', 2) ('Punk rock', 2) ('Religious Film', 2) ('Media Satire', 2) ('Gangster Film', 2) ('Romantic comedy', 2) ('Monster movie', 1) ('Television movie', 1) ('Remake', 1) ('Jukebox musical', 1) ('Foreign legion', 1) ('Biographical film', 1) ('Clay animation', 1) ('Animation', 1) ('Family Film', 1) ('Ealing Comedies', 1) ('Film adaptation', 1) ('Courtroom Comedy', 1) ('Film noir', 1) ('Albino bias', 1) ('Tragedy', 1) ('Romantic fantasy', 1) ('Children's Fantasy', 1) ('Gross out', 1) ('Gross-out film', 1) ('Zombie Film', 1) ('Americana', 1) ('Female buddy film', 1) ('Martial Arts Film', 1) ('History', 1) ('Juvenile Delinquency Film', 1) ('Anime', 1) ('Surrealism', 1) ('Superhero movie', 1) ('Historical drama', 1) ('Z movie', 1) ('Alien Film', 1) ('Christmas movie', 1) ('Holiday Film', 1) ('Feminist Film', 1) ('Slasher', 1) ('Experimental film', 1) ('Avant-garde', 1) ('Czechoslovak New Wave', 1) ('Horse racing', 1) ('Time travel', 1) ('Early Black Cinema', 1) ('Race movie', 1) ('Backstage Musical', 1) ('Travel', 1) ('Doomsday film', 1) ('Disaster', 1)

```
In [179... printClusterNeuronsMovieReport(6)
```

Cluster #6

Neurons: 38, Total movies: 204

('Comedy', 173) ('Family Film', 137) ('Short Film', 132) ('Animation', 105) ('Black-and-white', 53) ('Adventure', 24) ('Children's/Family', 17) ('Silent film', 15) ('Fantasy', 12) ('Indie', 12) ('Slapstick', 11) ('Computer Animation', 11) ('Science Fiction', 9) ('Family-Oriented Adventure', 9) ('Mystery', 8) ('Children's', 7) ('Thriller', 6) ('Musical', 6) ('Action', 5) ('Parody', 5) ('Television movie', 4) ('Romance Film', 3) ('Animal Picture', 3) ('Holiday Film', 3) ('Fantasy Comedy', 3) ('Detective fiction', 2) ('Detective', 2) ('Spy', 2) ('Teen', 2) ('Animated cartoon', 2) ('Time travel', 2) ('Western', 2) ('Horror', 2) ('Buddy film', 2) ('Whodunit', 1) ('World cinema', 1) ('Drama', 1) ('War film', 1) ('Action Comedy', 1) ('Sci-Fi Adventure', 1) ('Humour', 1) ('Adventure Comedy', 1) ('Martial Arts Film', 1) ('Domestic Comedy', 1) ('Educational', 1) ('Creature Film', 1) ('Supernatural', 1) ('Airplanes and airports', 1) ('Screwball comedy', 1) ('Children's Fantasy', 1) ('Fantasy Adventure', 1) ('Live action', 1) ('Action/Adventure', 1) ('Superhero movie', 1) ('Comedy of Errors', 1) ('Christmas movie', 1) ('Costume drama', 1) ('Music', 1) ('Animated Musical', 1) ('Mockumentary', 1)

```
In [180... for i in (22, 28, 29, 17):
    printClusterNeuronsMovieReport(i)
```

Cluster #22  
Neurons: 32, Total movies: 189  
(('Thriller', 187) ('Action', 77) ('Drama', 64) ('Crime Thriller', 42) ('Psychological thriller', 41) ('Mystery', 38) ('Crime Fiction', 31) ('Horror', 24) ('Action Thrillers', 19) ('Indie', 18) ('Spy', 16) ('Action/Adventure', 16) ('Suspense', 13) ('Black-and-white', 11) ('Film adaptation', 9) ('Film noir', 8) ('World cinema', 8) ('Science Fiction', 8) ('Supernatural', 7) ('Adventure', 7) ('Romance Film', 7) ('Comedy', 7) ('War film', 6) ('Martial Arts Film', 6) ('Detective fiction', 5) ('Detective', 5) ('Political thriller', 5) ('Erotic thriller', 5) ('Slasher', 5) ('Television movie', 5) ('Disaster', 4) ('Docudrama', 4) ('Political drama', 4) ('Family Film', 4) ('Bollywood', 4) ('Fantasy', 3) ('Comedy film', 3) ('Heist', 2) ('Cult', 2) ('Comedy Thriller', 2) ('Sports', 1) ('Period piece', 1) ('Airplanes and airports', 1) ('Family Drama', 1) ('Surrealism', 1) ('Kafkaesque', 1) ('Tamil cinema', 1) ('Future noir', 1) ('Computer Animation', 1) ('Whodunit', 1) ('B-movie', 1) ('Biopic [feature]', 1) ('Romantic drama', 1) ('Remake', 1) ('Blaxploitation', 1) ('Crime Comedy', 1) ('Screwball comedy', 1) ('Chase Movie', 1) ('Glamorized Spy Film', 1) ('Psycho-biddy', 1) ('Escape Film', 1) ('Western', 1) ('Hybrid Western', 1) ('Musical', 1) ('Tollywood', 1) ('Historical fiction', 1) ('Ensemble Film', 1) ('Caper story', 1) ('Archives and records', 1) ('Gothic Film', 1) ('Haunted House Film', 1) ('Chinese Movies', 1) ('Biker Film', 1) ('Outlaw biker film', 1) ('Natural horror films', 1) ('Comedy-drama', 1) ('Political satire', 1) ('Satire', 1) ('Black comedy', 1)

Cluster #28  
Neurons: 17, Total movies: 99  
(('Thriller', 99) ('Mystery', 65) ('Psychological thriller', 36) ('Crime Thriller', 32) ('Drama', 32) ('Suspense', 29) ('Crime Fiction', 29) ('Horror', 17) ('Supernatural', 11) ('Film adaptation', 8) ('Science Fiction', 7) ('Fantasy', 6) ('Indie', 6) ('Whodunit', 5) ('Detective', 4) ('Television movie', 4) ('Black-and-white', 4) ('World cinema', 4) ('Comedy', 3) ('Detective fiction', 3) ('Slasher', 3) ('Gangster Film', 3) ('Film noir', 3) ('Courtroom Drama', 2) ('Romance Film', 2) ('Period piece', 2) ('Political thriller', 2) ('Caper story', 2) ('Erotic thriller', 2) ('Haunted House Film', 2) ('Disaster', 1) ('Action/Adventure', 1) ('Black comedy', 1) ('Melodrama', 1) ('Costume drama', 1) ('Costume Horror', 1) ('History', 1) ('Ensemble Film', 1) ('Experimental film', 1) ('Surrealism', 1) ('Avant-garde', 1) ('Crime Comedy', 1) ('Heist', 1) ('Romantic drama', 1) ('Comedy film', 1) ('Adventure', 1) ('Road movie', 1) ('Coming of age', 1) ('Short Film', 1) ('Time travel', 1) ('War film', 1) ('Giallo', 1) ('Alien Film', 1) ('Docudrama', 1)

Cluster #29  
Neurons: 25, Total movies: 99  
(('Action', 98) ('Thriller', 84) ('Action/Adventure', 82) ('Crime Fiction', 62) ('Drama', 31) ('Action Thrillers', 25) ('Crime Thriller', 22) ('Martial Arts Film', 11) ('Gangster Film', 11) ('World cinema', 8) ('Japanese Movies', 6) ('Romance Film', 6) ('Indie', 6) ('Blaxploitation', 6) ('Suspense', 6) ('Chase Movie', 4) ('Sports', 4) ('Political thriller', 4) ('Adventure', 3) ('Psychological thriller', 3) ('Superhero movie', 3) ('Mystery', 3) ('Disaster', 3) ('Chinese Movie', 3) ('Comedy', 2) ('Fantasy', 2) ('Crime Drama', 2) ('Science Fiction', 2) ('Glamorized Spy Film', 2) ('Supernatural', 2) ('Auto racing', 2) ('Superhero', 2) ('Black-and-white', 1) ('Music', 1) ('Surrealism', 1) ('Western', 1) ('Bollywood', 1) ('Spy', 1) ('Family Drama', 1) ('Coming of age', 1) ('Airplanes and airports', 1) ('Existentialism', 1) ('Heist', 1) ('Television movie', 1) ('War film', 1) ('Detective', 1) ('Comedy Thriller', 1) ('Horror', 1) ('Courtroom Drama', 1) ('Animation', 1) ('Comedy film', 1)

Cluster #17  
Neurons: 17, Total movies: 105  
(('Drama', 104) ('Thriller', 89) ('Crime Fiction', 85) ('Crime Thriller', 51) ('Mystery', 32) ('Action', 19) ('Black-and-white', 19) ('Film noir', 16) ('Indie', 12) ('World cinema', 12) ('Crime Drama', 10) ('Gangster Film', 7) ('Film adaptation', 6) ('Romance Film', 6) ('Television movie', 5) ('Neo-noir', 5) ('Japanese Movies', 5) ('Suspense', 4) ('Horror', 4) ('Psychological thriller', 4) ('Fantasy', 4) ('Road movie', 4) ('Period piece', 4) ('Buddy film', 3) ('Detective', 3) ('Melodrama', 3) ('Art film', 2) ('Detective fiction', 2) ('Docudrama', 2) ('Political drama', 2) ('Cult', 2) ('Caper story', 2) ('Prison', 2) ('Slasher', 2) ('Political thriller', 2) ('Romantic drama', 1) ('Chase Movie', 1) ('Blaxploitation', 1) ('War film', 1) ('Childhood Drama', 1) ('Erotic thriller', 1) ('History', 1) ('British New Wave', 1) ('Theremin music', 1) ('Surrealism', 1) ('Adventure', 1) ('Costume drama', 1) ('Comedy film', 1) ('Chinese Movies', 1) ('Action/Adventure', 1) ('Courtroom Drama', 1) ('Martial Arts Film', 1) ('Spy', 1) ('Social problem film', 1) ('Short Film', 1) ('Media Satire', 1) ('Biography', 1) ('Biopic [feature]', 1) ('Biographical film', 1) ('Americana', 1)

## Rare categories - small clusters

```
In [181... printClusterNeuronsMovieReport(21)

Cluster #21
Neurons: 8, Total movies: 42
('Musical', 37) ('Drama', 20) ('Coming of age', 2) ('Christian film', 2) ('Musical comedy', 2) ('Romantic comedy', 1)
('Adventure', 1) ('History', 1) ('Biographical film', 1) ('Punk rock', 1) ('Musical Drama', 1) ('War film', 1) ('Children's', 1) ('Indie', 1) ('Teen', 1) ('Pre-Code', 1) ('Historical drama', 1) ('Prison', 1) ('British New Wave', 1) ('Ensemble Film', 1) ('Comedy-drama', 1) ('Fantasy', 1)

In [189... print(len([c for c in categories if "Musical" in c]))
302

In [190... printClusterNeuronsMovieReport(23)

Cluster #23
Neurons: 11, Total movies: 123
('Documentary', 110) ('Culture & Society', 23) ('Biography', 23) ('Social issues', 13) ('Indie', 12) ('Music', 11) ('History', 9) ('Political cinema', 8) ('War film', 6) ('Sports', 5) ('World cinema', 5) ('Rockumentary', 5) ('Travel', 3)
('Comedy', 2) ('Animals', 2) ('Mockumentary', 2) ('Experimental film', 2) ('Avant-garde', 2) ('Black-and-white', 2) ('Fan film', 2) ('Biographical film', 2) ('Instrumental Music', 2) ('Anthropology', 2) ('Interpersonal Relationships', 2)
('Historical drama', 2) ('Comedy film', 2) ('Media Studies', 2) ('Propaganda film', 1) ('Computers', 1) ('Law & Crime', 1) ('Latino', 1) ('Romance Film', 1) ('Stand-up comedy', 1) ('Business', 1) ('Musical', 1) ('Essay Film', 1) ('Satire', 1) ('Extreme Sports', 1) ('Adventure', 1) ('Gender Issues', 1) ('Christian film', 1) ('Illnesses & Disabilities', 1) ('Short Film', 1) ('Political drama', 1) ('Concert film', 1) ('News', 1)

In [192... print(len([c for c in categories if "Documentary" in c]))
```

Παρατηρούμε ότι οι βασικές κατηγορίες των δύο παραπάνω μικρών clusters (musicals και documentaries) είναι πράγματι αρκετά σπάνιες στο σύνολο των ταινιών μας.

### Dissimilar clusters

Εδώ θα εξετάσουμε clusters που βρίσκονται πολύ μακριά μεταξύ τους στο χάρτη για να δείξουμε ότι τα θέματά τους δεν είναι σχετικά.

```
In [182... printClusterNeuronsMovieReport(28)
printClusterNeuronsMovieReport(14)
```

Cluster #28  
Neurons: 17, Total movies: 99  
(('Thriller', 99) ('Mystery', 65) ('Psychological thriller', 36) ('Crime Thriller', 32) ('Drama', 32) ('Suspense', 29) ('Crime Fiction', 29) ('Horror', 17) ('Supernatural', 11) ('Film adaptation', 8) ('Science Fiction', 7) ('Fantasy', 6) ('Indie', 6) ('Whodunit', 5) ('Detective', 4) ('Television movie', 4) ('Black-and-white', 4) ('World cinema', 4) ('Comedy', 3) ('Detective fiction', 3) ('Slasher', 3) ('Gangster Film', 3) ('Film noir', 3) ('Courtroom Drama', 2) ('Romance Film', 2) ('Period piece', 2) ('Political thriller', 2) ('Caper story', 2) ('Erotic thriller', 2) ('Haunted House Film', 2) ('Disaster', 1) ('Action/Adventure', 1) ('Black comedy', 1) ('Melodrama', 1) ('Costume drama', 1) ('Costume Horror', 1) ('History', 1) ('Ensemble Film', 1) ('Experimental film', 1) ('Surrealism', 1) ('Avant-garde', 1) ('Crime Comedy', 1) ('Heist', 1) ('Romantic drama', 1) ('Comedy film', 1) ('Adventure', 1) ('Road movie', 1) ('Coming of age', 1) ('Short Film', 1) ('Time travel', 1) ('War film', 1) ('Giallo', 1) ('Alien Film', 1) ('Docudrama', 1))

```
Cluster #14
Neurons: 43, Total movies: 212
('Family Film', 167) ('Drama', 109) ('Adventure', 93) ('Fantasy', 71) ('Children's/Family', 59) ('Comedy', 48) ('Musical', 42) ('Animation', 41) ('Family Drama', 28) ('Children's Fantasy', 28) ('World cinema', 26) ('Bollywood', 23) ('Children's', 22) ('Family-Oriented Adventure', 21) ('Science Fiction', 16) ('Action', 13) ('Period piece', 12) ('Mystery', 10) ('Film adaptation', 9) ('Fantasy Adventure', 9) ('Coming of age', 8) ('Computer Animation', 8) ('Animal Picture', 7) ('Television movie', 6) ('Comedy-drama', 6) ('Action/Adventure', 6) ('Sports', 5) ('Fantasy Comedy', 5) ('Romance Film', 4) ('Animated cartoon', 4) ('Music', 4) ('Horror', 4) ('Stop motion', 4) ('Thriller', 3) ('Fairy tale', 3) ('Crime Fiction', 3) ('Animated Musical', 3) ('Christian film', 3) ('Black-and-white', 3) ('Costume drama', 3) ('Comedy film', 2) ('Black comedy', 2) ('Spy', 2) ('Biographical film', 2) ('Art film', 2) ('Haunted House Film', 2) ('Mythological Fantasy', 2) ('Heavenly Comedy', 2) ('Documentary', 2) ('Christmas movie', 2) ('Creature Film', 2) ('Musical comedy', 2) ('Remake', 1) ('Jungle Film', 1) ('Domestic Comedy', 1) ('Steampunk', 1) ('Romantic comedy', 1) ('Teen', 1) ('Americana', 1) ('Short Film', 1) ('Chinese Movies', 1) ('Detective fiction', 1) ('Bengali Cinema', 1) ('Detective', 1) ('Parody', 1) ('Religious Film', 1) ('Indie', 1) ('Western', 1) ('Biopic [feature]', 1) ('Historical fiction', 1) ('Docudrama', 1) ('Musical Drama', 1) ('Chase Movie', 1) ('Space opera', 1) ('Comedy Western', 1) ('Slapstick', 1) ('Japanese Movies', 1) ('Martial Arts Film', 1) ('Holiday Film', 1) ('Melodrama', 1) ('Crime', 1) ('Childhood Drama', 1) ('Buddy film', 1) ('Epic', 1) ('Hagiography', 1) ('Film noir', 1))
```

```
In [183... printClusterNeuronsMovieReport(10)
printClusterNeuronsMovieReport(3)
```

Cluster #10  
Neurons: 53, Total movies: 412  
(('Comedy', 401) ('Black-and-white', 56) ('Parody', 52) ('Romance Film', 48) ('Musical', 42) ('Indie', 39) ('Slapstick', 39) ('Crime Fiction', 36) ('Black comedy', 36) ('Satire', 31) ('Adventure', 21) ('World cinema', 20) ('Science Fiction', 17) ('Cult', 16) ('Crime Comedy', 15) ('Musical comedy', 15) ('Teen', 15) ('Fantasy', 14) ('Short Film', 13) ('Buddy film', 13) ('Screwball comedy', 12) ('Comedy of Errors', 12) ('Sports', 10) ('Thriller', 9) ('Western', 8) ('Drama', 8) ('Fantasy Comedy', 7) ('Sex comedy', 7) ('Horror', 7) ('Workplace Comedy', 7) ('Political cinema', 7) ('Absurdism', 6) ('Adventure Comedy', 6) ('Chinese Movies', 6) ('Comedy-drama', 6) ('Mockumentary', 6) ('Horror Comedy', 6) ('Mystery', 6) ('Coming of age', 6) ('Heist', 5) ('Comedy of manners', 5) ('Action', 5) ('Japanese Movies', 5) ('Domestic Comedy', 5) ('Road movie', 5) ('Political satire', 5) ('Children's/Family', 4) ('Action/Adventure', 4) ('Stoner film', 4) ('Comedy Western', 3) ('Caper story', 3) ('Animal Picture', 3) ('Comedy film', 3) ('War film', 3) ('Docudrama', 3) ('Music', 3) ('Comedy Thriller', 3) ('Filipino Movies', 2) ('Ensemble Film', 2) ('Heavenly Comedy', 2) ('Chase Movie', 2) ('Tragicomedy', 2) ('Beach Film', 2) ('Period piece', 2) ('Punk rock', 2) ('Religious Film', 2) ('Media Satire', 2) ('Gangster Film', 2) ('Romantic comedy', 2) ('Monster movie', 1) ('Television movie', 1) ('Remake', 1) ('Jukebox musical', 1) ('Foreign legion', 1) ('Biographical film', 1) ('Clay animation', 1) ('Animation', 1) ('Family Film', 1) ('Ealing Comedies', 1) ('Film adaptation', 1) ('Courtroom Comedy', 1) ('Film noir', 1) ('Albino bias', 1) ('Tragedy', 1) ('Romantic fantasy', 1) ('Children's Fantasy', 1) ('Gross out', 1) ('Gross-out film', 1) ('Zombie Film', 1) ('Americana', 1) ('Female buddy film', 1) ('Martial Arts Film', 1) ('History', 1) ('Juvenile Delinquency Film', 1) ('Anime', 1) ('Surrealism', 1) ('Superhero movie', 1) ('Historical drama', 1) ('Z movie', 1) ('Alien Film', 1) ('Christmas movie', 1) ('Holiday Film', 1) ('Feminist Film', 1) ('Slasher', 1) ('Experimental film', 1) ('Avant-garde', 1) ('Czechoslovak New Wave', 1) ('Horse racing', 1) ('Time travel', 1) ('Early Black Cinema', 1) ('Race movie', 1) ('Backstage Musical', 1) ('Travel', 1) ('Doomsday film', 1) ('Disaster', 1))

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Cluster #3
Neurons: 22, Total movies: 121
('Drama', 121) ('Crime Fiction', 98) ('Thriller', 26) ('Mystery', 15) ('Adventure', 13) ('Black-and-white', 12) ('Horror', 10) ('Film noir', 9) ('Crime Drama', 9) ('Gangster Film', 8) ('Television movie', 6) ('Science Fiction', 5) ('Indie', 5) ('Comedy film', 5) ('Film adaptation', 4) ('Japanese Movies', 3) ('Prison', 3) ('Biopic [feature]', 3) ('Short Film', 3) ('Biographical film', 3) ('Docudrama', 3) ('Period piece', 3) ('Psychological thriller', 2) ('Sports', 2) ('Fantasy', 2) ('Pre-Code', 2) ('Teen', 2) ('Comedy', 2) ('Buddy film', 2) ('New Hollywood', 2) ('Melodrama', 2) ('Caper story', 2) ('War film', 1) ('Detective fiction', 1) ('Detective', 1) ('Action/Adventure', 1) ('Juvenile Delinquency Film', 1) ('Prison film', 1) ('Escape Film', 1) ('Tragedy', 1) ('Supernatural', 1) ('Musical', 1) ('Political drama', 1) ('Hip hop movies', 1) ('Boxing', 1) ('Crime Thriller', 1) ('Satire', 1) ('Bollywood', 1) ('Disaster', 1) ('Medical fiction', 1) ('Biography', 1) ('Coming of age', 1) ('Chinese Movies', 1))
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## Incoherent clusters

(Clusters που δεν έχουν ξεκάθαρη θεματολογία - θα εξηγηθούν παρακάτω)

In [199...

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printClusterNeuronsMovieReport(11)
printClusterNeuronsMovieReport(13)
printClusterNeuronsMovieReport(31)
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Cluster #11

Neurons: 21, Total movies: 243

('Drama', 243) ('Short Film', 12) ('Western', 4) ('Fantasy', 4) ('Historical fiction', 3) ('Slice of life story', 2) ('Addiction Drama', 2) ('Children's/Family', 2) ('Historical Epic', 2) ('Bollywood', 2) ('Epic', 2) ('Documentary', 2) ('Natural horror films', 1) ('Indian Western', 1) ('Costume drama', 1) ('Family-Oriented Adventure', 1) ('Ensemble Film', 1) ('Essay Film', 1) ('History', 1) ('Psychological thriller', 1) ('Feminist Film', 1) ('Disaster', 1) ('Art film', 1) ('Childhood Drama', 1) ('Docudrama', 1) ('Japanese Movies', 1) ('Filipino Movies', 1) ('Crime Drama', 1) ('Coming-of-age film', 1) ('Inspirational Drama', 1) ('Marriage Drama', 1) ('Mystery', 1) ('Tamil cinema', 1) ('Film noir', 1)

Cluster #13

Neurons: 20, Total movies: 146

('Silent film', 53) ('Western', 35) ('Adventure', 25) ('Action/Adventure', 18) ('War film', 17) ('Mystery', 8) ('Fantasy', 6) ('Television movie', 4) ('Revisionist Western', 3) ('Historical drama', 3) ('Short Film', 2) ('Costume drama', 2) ('Spaghetti Western', 2) ('Historical fiction', 2) ('Period piece', 2) ('Martial Arts Film', 2) ('Chinese Movies', 2) ('Sports', 2) ('Indie', 2) ('Jungle Film', 2) ('Spy', 2) ('Blaxploitation', 2) ('Black-and-white', 2) ('Sword and sorcery', 1) ('Film noir', 1) ('Comedy', 1) ('Costume Adventure', 1) ('Swashbuckler films', 1) ('Ensemble Film', 1) ('Feminist Film', 1) ('Children's/Family', 1) ('Time travel', 1) ('Experimental film', 1) ('Punk rock', 1) ('Comedy-drama', 1) ('Musical', 1) ('Biographical film', 1) ('Fantasy Comedy', 1) ('B-Western', 1) ('Fantasy Adventure', 1) ('Melodrama', 1) ('Teen', 1) ('Epic', 1) ('Action Thrillers', 1)

Cluster #31

Neurons: 10, Total movies: 52

('Drama', 52) ('Melodrama', 15) ('Family Drama', 12) ('Film adaptation', 4) ('Coming of age', 3) ('Music', 3) ('Road movie', 2) ('Biography', 2) ('Americana', 2) ('Inspirational Drama', 1) ('Biographical film', 1) ('Silent film', 1) ('Crime Drama', 1) ('Teen', 1) ('British New Wave', 1) ('Addiction Drama', 1) ('Chinese Movies', 1) ('New Hollywood', 1) ('Period piece', 1)

Παρακάτω θα τυπώσουμε τις κατηγορίες όλων των clusters μαζί με τη συχνότητά τους, για να τα έχουμε όλα συγκεντρωμένα.

In [197...

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for i in range(35):
    printClusterNeuronsMovieReport(i)
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#### Cluster #0

Neurons: 19, Total movies: 76

('Drama', 72) ('War film', 59) ('Action', 29) ('Period piece', 23) ('History', 13) ('Political drama', 9) ('Adventure', 9) ('Biopic [feature]', 8) ('Docudrama', 8) ('Combat Films', 7) ('Historical fiction', 6) ('Film adaptation', 5) ('Epic', 5) ('Action/Adventure', 5) ('Romance Film', 4) ('Coming of age', 3) ('Costume drama', 3) ('Biography', 3) ('Black-and-white', 2) ('Prison', 2) ('Sports', 2) ('Documentary', 2) ('Tragedy', 2) ('World cinema', 2) ('Historical drama', 2) ('Musical', 1) ('Comedy-drama', 1) ('Filipino Movies', 1) ('Doomsday film', 1) ('Nuclear warfare', 1) ('Disaster', 1) ('Dystopia', 1) ('Costume Adventure', 1) ('Historical Epic', 1) ('Chinese Movies', 1) ('Anti-war', 1) ('Anti-war film', 1) ('Thriller', 1) ('Political thriller', 1) ('Indie', 1) ('Melodrama', 1) ('Escape Film', 1) ('Horse racing', 1) ('Family Film', 1) ('Biographical film', 1) ('Comedy film', 1) ('Fantasy', 1)

#### Cluster #1

Neurons: 83, Total movies: 374

('Action', 334) ('Action/Adventure', 222) ('Adventure', 123) ('Comedy', 85) ('Science Fiction', 74) ('Thriller', 65) ('World cinema', 62) ('Drama', 58) ('Fantasy', 51) ('Crime Fiction', 49) ('Martial Arts Film', 49) ('Western', 37) ('Chinese Movies', 36) ('War film', 26) ('Japanese Movies', 26) ('Superhero movie', 25) ('Animation', 23) ('Romance Film', 23) ('Black-and-white', 20) ('Family Film', 20) ('Horror', 20) ('Indie', 17) ('Anime', 16) ('Action Comedy', 16) ('Superhero', 15) ('Parody', 14) ('Crime Thriller', 12) ('Action Thrillers', 11) ('Crime Comedy', 10) ('Heist', 10) ('Fantasy Adventure', 10) ('Buddy film', 10) ('Wuxia', 9) ('Disaster', 9) ('Costume drama', 9) ('Comedy film', 9) ('Spy', 8) ('Mystery', 8) ('Cult', 7) ('Epic', 7) ('Historical fiction', 6) ('Gangster Film', 6) ('Doomsday film', 6) ('Black comedy', 6) ('Sports', 6) ('Stop motion', 6) ('Caper story', 5) ('Zombie Film', 5) ('Romantic comedy', 5) ('Slapstick', 5) ('Period piece', 5) ('Film adaptation', 5) ('Television movie', 5) ('Creature Film', 5) ('Children's/Family', 4) ('Mythological Fantasy', 4) ('Remake', 4) ('Chase Movie', 4) ('Natural horror films', 4) ('Musical', 4) ('Monster', 4) ('Swashbuckler films', 4) ('Escape Film', 3) ('Biographical film', 3) ('Suspense', 3) ('Sword and Sandal', 3) ('Monster movie', 3) ('Spaghetti Western', 3) ('History', 3) ('Satire', 3) ('Sword and sorcery', 3) ('Time travel', 3) ('Historical Epic', 3) ('Bollywood', 3) ('Alien Film', 2) ('Costume Adventure', 2) ('Combat Films', 2) ('Slasher', 2) ('Political drama', 2) ('Crime Drama', 2) ('Sword and sorcery films', 2) ('Dystopia', 2) ('Political thriller', 2) ('Biography', 2) ('Airplanes and airports', 2) ('Comedy-drama', 2) ('Animal Picture', 2) ('Detective fiction', 2) ('Detective', 2) ('Comedy Thriller', 2) ('Jungle Film', 2) ('Adventure Comedy', 2) ('Blaxploitation', 2) ('Screwball comedy', 1) ('Comedy of Errors', 1) ('Movie serial', 1) ('Teen', 1) ('Malayalam Cinema', 1) ('Romantic fantasy', 1) ('Supernatural', 1) ('Science fiction Western', 1) ('Fantasy Comedy', 1) ('Historical drama', 1) ('Coming of age', 1) ('Archaeology', 1) ('Ensemble Film', 1) ('Musical comedy', 1) ('Space western', 1) ('Music', 1) ('Musical Drama', 1) ('Reboot', 1) ('Horror Comedy', 1) ('Road movie', 1) ('Roadshow theatrical release', 1) ('Werewolf fiction', 1) ('Apocalyptic and post-apocalyptic fiction', 1) ('Comedy horror', 1) ('Propaganda film', 1) ('Pre-Code', 1) ('Mockumentary', 1) ('Sci Fi Pictures original films', 1) ('Documentary', 1) ('Erotic thriller', 1) ('B-Western', 1) ('Short Film', 1) ('Tamil cinema', 1) ('Samurai cinema', 1) ('Children's Fantasy', 1) ('Biopic [feature]', 1) ('Outlaw biker film', 1) ('Biker Film', 1) ('Sci-Fi Thriller', 1) ('Sci-Fi Adventure', 1) ('Prison', 1) ('Family-Oriented Adventure', 1) ('Fairy tale', 1) ('Filipino Movies', 1) ('Filipino', 1)

#### Cluster #2

Neurons: 73, Total movies: 488

('Horror', 381) ('Science Fiction', 135) ('Thriller', 113) ('Slasher', 85) ('B-movie', 58) ('Drama', 54) ('Creature Film', 50) ('Cult', 49) ('Comedy', 49) ('Indie', 45) ('Mystery', 43) ('Supernatural', 39) ('Teen', 36) ('Zombie Film', 33) ('Psychological thriller', 32) ('Romance Film', 28) ('World cinema', 24) ('Fantasy', 23) ('Horror Comedy', 23) ('Japanese Movies', 22) ('Action', 20) ('Adventure', 20) ('Black-and-white', 20) ('Monster movie', 19) ('Crime Thriller', 17) ('Natural horror films', 14) ('Crime Fiction', 14) ('Sci-Fi Horror', 14) ('Television movie', 12) ('Silent film', 12) ('Anime', 10) ('Monster', 9) ('Suspense', 9) ('Animation', 9) ('Alien Film', 8) ('Black comedy', 7) ('Gothic Film', 7) ('Short Film', 7) ('Film adaptation', 7) ('Parody', 7) ('Comedy film', 6) ('Haunted House Film', 5) ('Doomsday film', 5) ('Slasher film', 5) ('Action/Adventure', 5) ('Road-Horror', 4) ('Chinese Movies', 4) ('Documentary', 4) ('Period piece', 4) ('Costume Horror', 4) ('Disaster', 4) ('Time travel', 4) ('Stop motion', 4) ('Remake', 3) ('Romantic drama', 3) ('Detective fiction', 3) ('Detective', 3) ('Comedy horror', 3) ('Musical', 2) ('Mockumentary', 2) ('Action Thrillers', 2) ('Road movie', 2) ('Dystopia', 2) ('Albino bias', 2) ('Film noir', 2) ('Filipino Movies', 2) ('Fantasy Adventure', 2) ('Satire', 2) ('Steampunk', 2) ('Melodrama', 2) ('Archaeology', 2) ('Experimental film', 2) ('Apocalyptic and post-apocalyptic fiction', 2) ('Stoner film', 1) ('Music', 1) ('Surrealism', 1) ('Archives and records', 1) ('Point of view shot', 1) ('Extreme Sports', 1) ('Coming of age', 1) ('Swashbuckler films', 1) ('Spy', 1) ('Superhero', 1) ('Superhero movie', 1) ('Children's', 1) ('Animated cartoon', 1) ('Juvenile Delinquency Film', 1) ('Jungle Film', 1) ('Buddy film', 1) ('Family Film', 1) ('Avant-garde', 1) ('Children's Fantasy', 1) ('Sci Fi Pictures original films', 1) ('Plague', 1) ('Family-Oriented Adventure', 1) ('New Hollywood', 1) ('Master Criminal Films', 1) ('Historical fiction', 1) ('Religious Film', 1) ('Western', 1) ('Political thriller', 1) ('Political drama', 1) ('Beach Film', 1) ('Future noir', 1) ('Erotic thriller', 1) ('Media Satire', 1) ('Werewolf fiction', 1) ('Heaven-Can-Wait Fantasies', 1) ('Courtroom Drama', 1)

#### Cluster #3

Neurons: 22, Total movies: 121

('Drama', 121) ('Crime Fiction', 98) ('Thriller', 26) ('Mystery', 15) ('Adventure', 13) ('Black-and-white', 12) ('Horror', 10) ('Film noir', 9) ('Crime Drama', 9) ('Gangster Film', 8) ('Television movie', 6) ('Science Fiction', 5) ('Indie', 5) ('Comedy film', 5) ('Film adaptation', 4) ('Japanese Movies', 3) ('Prison', 3) ('Biopic [feature]', 3) ('Short Film', 3) ('Biographical film', 3) ('Docudrama', 3) ('Period piece', 3) ('Psychological thriller', 2) ('Sports', 2) ('Fantasy', 2) ('Pre-Code', 2) ('Teen', 2) ('Comedy', 2) ('Buddy film', 2) ('New Hollywood', 2) ('Melodrama', 2) ('Caper story', 2) ('War film', 1) ('Detective fiction', 1) ('Detective', 1) ('Action/Adventure', 1) ('Juvenile Delinquency Film', 1) ('Prison film', 1) ('Escape Film', 1) ('Tragedy', 1) ('Supernatural', 1) ('Musical', 1) ('Political drama', 1) ('Hip hop movies', 1) ('Boxing', 1) ('Crime Thriller', 1) ('Satire', 1) ('Bollywood', 1) ('Disaster', 1) ('Medical fiction', 1) ('Biography', 1) ('Coming of age', 1) ('Chinese Movies', 1)

#### Cluster #4

Neurons: 29, Total movies: 88

('Drama', 88) ('Romance Film', 76) ('Romantic drama', 75) ('World cinema', 68) ('Musical', 49) ('Bollywood', 44) ('Comedy', 15) ('Thriller', 13) ('Crime Fiction', 8) ('Art film', 7) ('Romantic comedy', 7) ('Coming of age', 6) ('Family Film', 6) ('War film', 5) ('Family Drama', 4) ('Experimental film', 3) ('Avant-garde', 3) ('Science Fiction', 3) ('Road movie', 3) ('Teen', 3) ('Period piece', 3) ('Chinese Movies', 3) ('Political drama', 3) ('Action', 3) ('Crime Drama', 2) ('Black-and-white', 2) ('Surrealism', 2) ('Comedy-drama', 2) ('Fantasy', 2) ('Romantic fantasy', 2) ('Childhood Drama', 2) ('Action/Adventure', 2) ('Sports', 2) ('Melodrama', 2) ('Horror', 2) ('Mystery', 2) ('Comedy of manners', 1) ('Musical comedy', 1) ('Ensemble Film', 1) ('Fantasy Drama', 1) ('Children's/Family', 1) ('Television movie', 1) ('Animal Picture', 1) ('Biopic [feature]', 1) ('Indie', 1) ('Feminist Film', 1) ('Boxing', 1) ('Prison', 1) ('Dance', 1) ('Adventure', 1) ('Slice of life story', 1) ('Historical fiction', 1) ('Suspense', 1) ('Erotic Drama', 1) ('History', 1) ('Crime Thriller', 1) ('Backstage Musical', 1) ('Musical Drama', 1) ('Filipino Movies', 1)

#### Cluster #5

Neurons: 22, Total movies: 112

('Drama', 110) ('Comedy-drama', 88) ('Comedy', 82) ('Indie', 61) ('Family Drama', 26) ('Romance Film', 25) ('Coming of age', 23) ('Black comedy', 20) ('World cinema', 15) ('Period piece', 14) ('Ensemble Film', 14) ('Romantic comedy', 12) ('Crime Fiction', 11) ('Teen', 11) ('Film adaptation', 8) ('Domestic Comedy', 7) ('Satire', 6) ('Romantic drama', 6) ('Biography', 6) ('Adventure', 5) ('Road movie', 5) ('Experimental film', 4) ('Avant-garde', 4) ('Chinese Movies', 4) ('Comedy of manners', 4) ('Black-and-white', 4) ('Sports', 4) ('Japanese Movies', 4) ('Musical', 4) ('Family Film', 3) ('Childhood Drama', 3) ('Thriller', 3) ('Addiction Drama', 3) ('Biopic [feature]', 3) ('Surrealism', 2) ('Tragicomedy', 2) ('Religious Film', 2) ('Cult', 2) ('Comedy Thriller', 2) ('Television movie', 2) ('Melodrama', 2) ('Buddy film', 2) ('Art film', 2) ('Marriage Drama', 2) ('Sex comedy', 2) ('Crime Drama', 2) ('Docudrama', 2) ('Musical Drama', 2) ('Biographical film', 2) ('Medical fiction', 2) ('Slice of life story', 2) ('Political drama', 1) ('Short Film', 1) ('Spy', 1) ('Feminist Film', 1) ('Punk rock', 1) ('Film noir', 1) ('Crime Comedy', 1) ('Fantasy', 1) ('Fantasy Comedy', 1) ('Romantic fantasy', 1) ('Music', 1) ('War film', 1) ('Musical comedy', 1) ('Juvenile Delinquency Film', 1) ('Holiday Film', 1) ('Christmas movie', 1) ('Americana', 1) ('New Hollywood', 1) ('Parody', 1) ('Media Satire', 1) ('Comedy of Errors', 1) ('Dance', 1) ('Science Fiction', 1) ('Tragedy', 1) ('Dogme 95', 1) ('Prison', 1)

#### Cluster #6

Neurons: 38, Total movies: 204

('Comedy', 173) ('Family Film', 137) ('Short Film', 132) ('Animation', 105) ('Black-and-white', 53) ('Adventure', 24) ('Children's/Family', 17) ('Silent film', 15) ('Fantasy', 12) ('Indie', 12) ('Slapstick', 11) ('Computer Animation', 11) ('Science Fiction', 9) ('Family-Oriented Adventure', 9) ('Mystery', 8) ('Children's', 7) ('Thriller', 6) ('Musical', 6) ('Action', 5) ('Parody', 5) ('Television movie', 4) ('Romance Film', 3) ('Animal Picture', 3) ('Holiday Film', 3) ('Fantasy Comedy', 3) ('Detective fiction', 2) ('Detective', 2) ('Spy', 2) ('Teen', 2) ('Animated cartoon', 2) ('Time travel', 2) ('Western', 2) ('Horror', 2) ('Buddy film', 2) ('Whodunit', 1) ('World cinema', 1) ('Drama', 1) ('War film', 1) ('Action Comedy', 1) ('Sci-Fi Adventure', 1) ('Humour', 1) ('Adventure Comedy', 1) ('Martial Arts Film', 1) ('Domestic Comedy', 1) ('Educational', 1) ('Creature Film', 1) ('Supernatural', 1) ('Airplanes and airports', 1) ('Screwball comedy', 1) ('Children's Fantasy', 1) ('Fantasy Adventure', 1) ('Live action', 1) ('Action/Adventure', 1) ('Superhero movie', 1) ('Comedy of Errors', 1) ('Christmas movie', 1) ('Costume drama', 1) ('Music', 1) ('Animated Musical', 1) ('Mockumentary', 1)

#### Cluster #7

Neurons: 18, Total movies: 185

('Drama', 185) ('Comedy film', 39) ('Action', 6) ('Romance Film', 5) ('Family Film', 3) ('Japanese Movies', 2) ('Historical drama', 2) ('Comedy-drama', 2) ('Western', 1) ('Teen', 1) ('Disaster', 1) ('Black-and-white', 1) ('Mystery', 1) ('Costume drama', 1) ('Black comedy', 1) ('Feminist Film', 1) ('Comedy of Errors', 1) ('Silent film', 1) ('Filipino Movies', 1) ('Culture & Society', 1) ('Social issues', 1) ('Short Film', 1) ('Tragedy', 1) ('War film', 1) ('Adventure', 1) ('Docudrama', 1) ('Chinese Movies', 1) ('Medical fiction', 1) ('Erotic Drama', 1) ('Art film', 1) ('Music', 1) ('Hip hop movies', 1)

#### Cluster #8

Neurons: 20, Total movies: 120

('Short Film', 115) ('Documentary', 22) ('Black-and-white', 7) ('Indie', 5) ('World cinema', 5) ('Animated cartoon', 3) ('Surrealism', 3) ('Children's/Family', 3) ('Science Fiction', 2) ('Family Film', 2) ('Japanese Movies', 2) ('Computer Animation', 2) ('Fantasy', 2) ('Parody', 2) ('Cult', 1) ('War film', 1) ('Musical comedy', 1) ('Fan film', 1) ('Psychological thriller', 1) ('Anime', 1) ('Horror', 1) ('Culture & Society', 1) ('Docudrama', 1) ('Social issues', 1) ('Comedy film', 1) ('Propaganda film', 1) ('Illnesses & Disabilities', 1) ('Children's Issues', 1) ('Sponsored film', 1) ('Children's', 1) ('Family-Oriented Adventure', 1) ('Political cinema', 1) ('Western', 1) ('Language & Literature', 1) ('Mockumentary', 1) ('Political drama', 1) ('Adventure', 1) ('Suspense', 1) ('Experimental film', 1) ('Avant-garde', 1) ('Thriller', 1)

#### Cluster #9

Neurons: 13, Total movies: 32

('Drama', 32) ('Black-and-white', 17) ('Period piece', 15) ('Biographical film', 14) ('Biography', 11) ('Biopic [feature]', 11) ('World cinema', 6) ('Family Drama', 6) ('Television movie', 5) ('Film adaptation', 5) ('Political drama', 4) ('Indie', 3) ('Melodrama', 3) ('Musical', 3) ('Comedy-drama', 2) ('Costume drama', 2) ('Propaganda film', 2) ('Coming of age', 2) ('War film', 2) ('Epic', 2) ('Horror', 2) ('Tragedy', 2) ('Documentary', 1) ('Kitchen sink realism', 1) ('British New Wave', 1) ('Sports', 1) ('Courtroom Drama', 1) ('Adventure', 1) ('Teen', 1) ('Disaster', 1) ('Action/Adventure', 1) ('Ensemble Film', 1) ('Americana', 1) ('Backstage Musical', 1) ('Musical Drama', 1) ('Historical fiction', 1) ('Animation', 1) ('Comedy', 1) ('Tragicomedy', 1) ('Roadshow theatrical release', 1) ('Film u00e0 clef', 1) ('Mystery', 1)

#### Cluster #10

Neurons: 53, Total movies: 412

('Comedy', 401) ('Black-and-white', 56) ('Parody', 52) ('Romance Film', 48) ('Musical', 42) ('Indie', 39) ('Slapstick', 39) ('Crime Fiction', 36) ('Black comedy', 36) ('Satire', 31) ('Adventure', 21) ('World cinema', 20) ('Science Fiction', 17) ('Cult', 16) ('Crime Comedy', 15) ('Musical comedy', 15) ('Teen', 15) ('Fantasy', 14) ('Short Film', 13) ('Buddy film', 13) ('Screwball comedy', 12) ('Comedy of Errors', 12) ('Sports', 10) ('Thriller', 9) ('Western', 8) ('Drama', 8) ('Fantasy Comedy', 7) ('Sex comedy', 7) ('Horror', 7) ('Workplace Comedy', 7) ('Political cinema', 7) ('Absurdism', 6) ('Adventure Comedy', 6) ('Chinese Movies', 6) ('Comedy-drama', 6) ('Mockumentary', 6) ('Horror Comedy', 6) ('Mystery', 6) ('Coming of age', 6) ('Heist', 5) ('Comedy of manners', 5) ('Action', 5) ('Japanese Movies', 5) ('Domestic Comedy', 5) ('Road movie', 5) ('Political satire', 5) ('Children's/Family', 4) ('Action/Adventure', 4) ('Stoner film', 4) ('Comedy Western', 3) ('Caper story', 3) ('Animal Picture', 3) ('Comedy film', 3) ('War film', 3) ('Docudrama', 3) ('Music', 3) ('Comedy Thriller', 3) ('Filipino Movies', 2) ('Ensemble Film', 2) ('Heavenly Comedy', 2) ('Chase Movie', 2) ('Tragicomedy', 2) ('Beach Film', 2) ('Period piece', 2) ('Punk rock', 2) ('Religious Film', 2) ('Media Satire', 2) ('Gangster Film', 2) ('Romantic comedy', 2) ('Monster movie', 1) ('Television movie', 1) ('Remake', 1) ('Jukebox musical', 1) ('Foreign legion', 1) ('Biographical film', 1) ('Clay animation', 1) ('Animation', 1) ('Family Film', 1) ('Ealing Comedies', 1) ('Film adaptation', 1) ('Courtroom Comedy', 1) ('Film noir', 1) ('Albino bias', 1) ('Tragedy', 1) ('Romantic fantasy', 1) ('Children's Fantasy', 1) ('Gross out', 1) ('Gross-out film', 1) ('Zombie Film', 1) ('Americana', 1) ('Female buddy film', 1) ('Martial Arts Film', 1) ('History', 1) ('Juvenile Delinquency Film', 1) ('Anime', 1) ('Surrealism', 1) ('Superhero movie', 1) ('Historical drama', 1) ('Z movie', 1) ('Alien Film', 1) ('Christmas movie', 1) ('Holiday Film', 1) ('Feminist Film', 1) ('Slasher', 1) ('Experimental film', 1) ('Avant-garde', 1) ('Czechoslovak New Wave', 1) ('Horse racing', 1) ('Time travel', 1) ('Early Black Cinema', 1) ('Race movie', 1) ('Backstage Musical', 1) ('Travel', 1) ('Doomsday film', 1) ('Disaster', 1)

#### Cluster #11

Neurons: 21, Total movies: 243

('Drama', 243) ('Short Film', 12) ('Western', 4) ('Fantasy', 4) ('Historical fiction', 3) ('Slice of life story', 2) ('A

ddiction Drama', 2) ('Children's/Family', 2) ('Historical Epic', 2) ('Bollywood', 2) ('Epic', 2) ('Documentary', 2) ('Natural horror films', 1) ('Indian Western', 1) ('Costume drama', 1) ('Family-Oriented Adventure', 1) ('Ensemble Film', 1) ('Essay Film', 1) ('History', 1) ('Psychological thriller', 1) ('Feminist Film', 1) ('Disaster', 1) ('Art film', 1) ('Childhood Drama', 1) ('Docudrama', 1) ('Japanese Movies', 1) ('Filipino Movies', 1) ('Crime Drama', 1) ('Coming-of-age film', 1) ('Inspirational Drama', 1) ('Marriage Drama', 1) ('Mystery', 1) ('Tamil cinema', 1) ('Film noir', 1)

Cluster #12

Neurons: 17, Total movies: 63

('Romance Film', 63) ('Drama', 26) ('Musical', 22) ('Comedy film', 21) ('Romantic comedy', 10) ('Comedy', 10) ('Black-and-white', 4) ('Action', 4) ('Coming of age', 4) ('Musical Drama', 3) ('Teen', 3) ('War film', 2) ('Action/Adventure', 2) ('Family Film', 2) ('Mystery', 2) ('Comedy-drama', 2) ('Thriller', 2) ('Western', 2) ('Biopic [feature]', 2) ('Biographical film', 2) ('Sports', 1) ('Short Film', 1) ('Tragedy', 1) ('Crime Fiction', 1) ('Juvenile Delinquency Film', 1) ('Screwball comedy', 1) ('Adventure', 1) ('Bollywood', 1) ('Family Drama', 1) ('Biography', 1) ('Comedy Western', 1) ('Melodrama', 1) ('Feminist Film', 1) ('Buddy film', 1)

Cluster #13

Neurons: 20, Total movies: 146

('Silent film', 53) ('Western', 35) ('Adventure', 25) ('Action/Adventure', 18) ('War film', 17) ('Mystery', 8) ('Fantasy', 6) ('Television movie', 4) ('Revisionist Western', 3) ('Historical drama', 3) ('Short Film', 2) ('Costume drama', 2) ('Spaghetti Western', 2) ('Historical fiction', 2) ('Period piece', 2) ('Martial Arts Film', 2) ('Chinese Movies', 2) ('Sports', 2) ('Indie', 2) ('Jungle Film', 2) ('Spy', 2) ('Blaxploitation', 2) ('Black-and-white', 2) ('Sword and sorcery', 1) ('Film noir', 1) ('Comedy', 1) ('Costume Adventure', 1) ('Swashbuckler films', 1) ('Ensemble Film', 1) ('Feminist Film', 1) ('Children's/Family', 1) ('Time travel', 1) ('Experimental film', 1) ('Punk rock', 1) ('Comedy-drama', 1) ('Musical', 1) ('Biographical film', 1) ('Fantasy Comedy', 1) ('B-Western', 1) ('Fantasy Adventure', 1) ('Melodrama', 1) ('Teen', 1) ('Epic', 1) ('Action Thrillers', 1)

Cluster #14

Neurons: 43, Total movies: 212

('Family Film', 167) ('Drama', 109) ('Adventure', 93) ('Fantasy', 71) ('Children's/Family', 59) ('Comedy', 48) ('Musical', 42) ('Animation', 41) ('Family Drama', 28) ('Children's Fantasy', 28) ('World cinema', 26) ('Bollywood', 23) ('Children's', 22) ('Family-Oriented Adventure', 21) ('Science Fiction', 16) ('Action', 13) ('Period piece', 12) ('Mystery', 10) ('Film adaptation', 9) ('Fantasy Adventure', 9) ('Coming of age', 8) ('Computer Animation', 8) ('Animal Picture', 7) ('Television movie', 6) ('Comedy-drama', 6) ('Action/Adventure', 6) ('Sports', 5) ('Fantasy Comedy', 5) ('Romance Film', 4) ('Animated cartoon', 4) ('Music', 4) ('Horror', 4) ('Stop motion', 4) ('Thriller', 3) ('Fairy tale', 3) ('Crime Fiction', 3) ('Animated Musical', 3) ('Christian film', 3) ('Black-and-white', 3) ('Costume drama', 3) ('Comedy film', 2) ('Black comedy', 2) ('Spy', 2) ('Biographical film', 2) ('Art film', 2) ('Haunted House Film', 2) ('Mythological Fantasy', 2) ('Heavenly Comedy', 2) ('Documentary', 2) ('Christmas movie', 2) ('Creature Film', 2) ('Musical comedy', 2) ('Remake', 1) ('Jungle Film', 1) ('Domestic Comedy', 1) ('Steampunk', 1) ('Romantic comedy', 1) ('Teen', 1) ('Americana', 1) ('Short Film', 1) ('Chinese Movies', 1) ('Detective fiction', 1) ('Bengali Cinema', 1) ('Detective', 1) ('Parody', 1) ('Religious Film', 1) ('Indie', 1) ('Western', 1) ('Biopic [feature]', 1) ('Historical fiction', 1) ('Docudrama', 1) ('Musical Drama', 1) ('Chase Movie', 1) ('Space opera', 1) ('Comedy Western', 1) ('Slapstick', 1) ('Japanese Movies', 1) ('Martial Arts Film', 1) ('Holiday Film', 1) ('Melodrama', 1) ('Crime', 1) ('Childhood Drama', 1) ('Buddy film', 1) ('Epic', 1) ('Hagiography', 1) ('Film noir', 1)

Cluster #15

Neurons: 25, Total movies: 170

('Comedy', 170) ('Drama', 106) ('Romantic comedy', 68) ('Romance Film', 43) ('World cinema', 25) ('Indie', 24) ('Black comedy', 23) ('Black-and-white', 21) ('Musical', 18) ('Parody', 11) ('Crime Fiction', 9) ('Satire', 8) ('Film adaptation', 8) ('Screwball comedy', 7) ('Road movie', 7) ('Sex comedy', 7) ('Buddy film', 6) ('Slapstick', 6) ('Musical comedy', 6) ('Political drama', 5) ('Thriller', 5) ('Chinese Movies', 5) ('Fantasy', 4) ('Ensemble Film', 4) ('Cult', 4) ('Comedy film', 4) ('Science Fiction', 4) ('War film', 4) ('Comedy of manners', 3) ('Family Drama', 3) ('Americana', 3) ('Action', 3) ('Fantasy Comedy', 3) ('Domestic Comedy', 3) ('Political cinema', 3) ('Adventure', 2) ('Crime Drama', 2) ('Social problem film', 2) ('Gross-out film', 2) ('Gross out', 2) ('Family Film', 2) ('Surrealism', 2) ('Teen', 2) ('Period piece', 2) ('Music', 2) ('Comedy-drama', 2) ('Experimental film', 2) ('Remake', 2) ('Comedy of Errors', 2) ('Musical Drama', 2) ('Heist', 1) ('Gangster Film', 1) ('Animation', 1) ('Adventure Comedy', 1) ('Tragedy', 1) ('History', 1) ('Melodrama', 1) ('Alien Film', 1) ('Horror', 1) ('Beach Film', 1) ('Anti-war', 1) ('Crime Comedy', 1) ('Filipino Movies', 1) ('New Hollywood', 1) ('Heavenly Comedy', 1) ('Absurdism', 1) ('Avant-garde', 1) ('Filmed Play', 1) ('Art film', 1) ('Sports', 1) ('Prison', 1) ('Religious Film', 1) ('Doomsday film', 1) ('Silent film', 1) ('Western', 1) ('Japanese Movies', 1) ('Children's/Family', 1) ('Mystery', 1) ('Comedy Thriller', 1) ('Whodunit', 1) ('Malayalam Cinema', 1) ('Operetta', 1) ('Pre-Code', 1) ('Mockumentary', 1) ('Media Satire', 1) ('Romantic drama', 1)

Cluster #16

Neurons: 34, Total movies: 181

('Black-and-white', 142) ('Drama', 125) ('Indie', 79) ('Silent film', 63) ('Adventure', 19) ('Short Film', 11) ('War film', 10) ('Comedy', 9) ('Film adaptation', 6) ('Science Fiction', 6) ('Biographical film', 6) ('Romance Film', 5) ('Melodrama', 5) ('Horror', 5) ('Mystery', 4) ('Musical', 4) ('Film noir', 4) ('Western', 4) ('Crime Fiction', 4) ('Sports', 4) ('Superhero movie', 3) ('Action/Adventure', 3) ('Fantasy', 3) ('Pre-Code', 3) ('Propaganda film', 3) ('Coming of age', 3) ('Romantic comedy', 3) ('Christian film', 3) ('Comedy film', 2) ('Prison', 2) ('Comedy-drama', 2) ('Musical Drama', 2) ('Childhood Drama', 2) ('Political drama', 2) ('Family Film', 2) ('Jungle Film', 2) ('Combat Films', 2) ('Swashbuckler films', 2) ('Biography', 2) ('Social problem film', 2) ('Documentary', 2) ('Addiction Drama', 2) ('Crime Drama', 2) ('Disaster', 2) ('Slapstick', 2) ('Marriage Drama', 1) ('Bollywood', 1) ('Experimental film', 1) ('Avant-garde', 1) ('Sport', 1) ('Thriller', 1) ('Juvenile Delinquency Film', 1) ('Americana', 1) ('Biopic [feature]', 1) ('Children's', 1) ('Action', 1) ('Music', 1) ('Rockumentary', 1) ('Teen', 1) ('Goat gland', 1) ('Stop motion', 1) ('Animation', 1) ('Costume drama', 1) ('Epic', 1) ('Creature Film', 1) ('Tragedy', 1) ('Dance', 1) ('Ensemble Film', 1) ('Boxing', 1) ('Natural horror films', 1) ('Cult', 1) ('World cinema', 1) ('Satire', 1) ('Early Black Cinema', 1) ('Sci-Fi Adventure', 1) ('Chinese Movies', 1)

Cluster #17

Neurons: 17, Total movies: 105

('Drama', 104) ('Thriller', 89) ('Crime Fiction', 85) ('Crime Thriller', 51) ('Mystery', 32) ('Action', 19) ('Black-and-white', 19) ('Film noir', 16) ('Indie', 12) ('World cinema', 12) ('Crime Drama', 10) ('Gangster Film', 7) ('Film adaptation', 6) ('Romance Film', 6) ('Television movie', 5) ('Neo-noir', 5) ('Japanese Movies', 5) ('Suspense', 4) ('Horror', 4) ('Psychological thriller', 4) ('Fantasy', 4) ('Road movie', 4) ('Period piece', 4) ('Buddy film', 3) ('Detective', 3) ('Melodrama', 3) ('Art film', 2) ('Detective fiction', 2) ('Docudrama', 2) ('Political drama', 2) ('Cult', 2) ('Caper story', 2) ('Prison', 2) ('Slasher', 2) ('Political thriller', 2) ('Romantic drama', 1) ('Chase Movie', 1) ('Blaxploitation', 1) ('War film', 1) ('Childhood Drama', 1) ('Erotic thriller', 1) ('History', 1) ('British New Wave', 1) ('Theremin m

usic', 1) ('Surrealism', 1) ('Adventure', 1) ('Costume drama', 1) ('Comedy film', 1) ('Chinese Movies', 1) ('Action/Adventure', 1) ('Courtroom Drama', 1) ('Martial Arts Film', 1) ('Spy', 1) ('Social problem film', 1) ('Short Film', 1) ('Media Satire', 1) ('Biography', 1) ('Biopic [feature]', 1) ('Biographical film', 1) ('Americana', 1)

Cluster #18  
Neurons: 19, Total movies: 85  
(('Animation', 83) ('Short Film', 81) ('Comedy film', 46) ('Family Film', 28) ('Musical', 14) ('Children's', 8) ('Science Fiction', 6) ('Western', 3) ('Fantasy', 2) ('Animated cartoon', 2) ('Romance Film', 2) ('Propaganda film', 1) ('War film', 1) ('Stop motion', 1) ('Parody', 1) ('Superhero movie', 1) ('Action', 1) ('Superhero', 1) ('Anime', 1) ('Silent film', 1) ('Mystery', 1) ('Thriller', 1) ('Music', 1) ('Political drama', 1))

Cluster #19  
Neurons: 36, Total movies: 138  
(('World cinema', 138) ('Drama', 104) ('Thriller', 35) ('Horror', 30) ('Japanese Movies', 21) ('Art film', 20) ('Crime Fiction', 17) ('Action/Adventure', 16) ('Musical', 15) ('Chinese Movies', 13) ('Bollywood', 12) ('Comedy', 10) ('Black-and-white', 7) ('War film', 7) ('Family Drama', 7) ('Coming of age', 6) ('Political drama', 6) ('Ensemble Film', 5) ('Crime Thriller', 5) ('Filipino Movies', 5) ('Fantasy', 5) ('Childhood Drama', 4) ('Marriage Drama', 4) ('Martial Arts Film', 4) ('Psychological thriller', 4) ('Mystery', 4) ('Satire', 3) ('Family Film', 3) ('Road movie', 3) ('Indie', 3) ('Comedy-drama', 3) ('Black comedy', 3) ('Political thriller', 3) ('Melodrama', 2) ('Action', 2) ('Tamil cinema', 2) ('Gangster Film', 2) ('Superhero movie', 2) ('Erotic thriller', 2) ('Film adaptation', 2) ('Erotic Drama', 2) ('Supernatural', 2) ('Period piece', 2) ('Adventure', 2) ('Bengali Cinema', 1) ('Anti-war', 1) ('Anti-war film', 1) ('Heist', 1) ('Fantasy Drama', 1) ('Crime Drama', 1) ('Exploitation', 1) ('Splatter film', 1) ('Tollywood', 1) ('Romance Film', 1) ('Surrealism', 1) ('Medical fiction', 1) ('Detective fiction', 1) ('Detective', 1) ('Neo-noir', 1) ('Tragicomedy', 1) ('Science Fiction', 1) ('Doomsday film', 1) ('Social problem film', 1) ('Spy', 1) ('Gothic Film', 1) ('Documentary', 1) ('Monster', 1) ('Suspense', 1) ('Courtroom Drama', 1) ('Buddy film', 1) ('Superhero', 1) ('Remake', 1) ('Juvenile Delinquency Film', 1) ('Romantic drama', 1) ('Heaven-Can-Wait Fantasies', 1) ('Comedy film', 1))

Cluster #20  
Neurons: 28, Total movies: 193  
(('Comedy film', 60) ('Japanese Movies', 28) ('Crime Fiction', 24) ('Comedy-drama', 11) ('Black-and-white', 9) ('Romantic comedy', 9) ('Bollywood', 9) ('Film noir', 8) ('Mystery', 7) ('Anime', 7) ('Fantasy', 7) ('Chinese Movies', 6) ('Filipino Movies', 5) ('Musical', 5) ('Black comedy', 5) ('Adventure', 4) ('Children's', 4) ('Romantic drama', 4) ('Computer Animation', 3) ('Children's/Family', 3) ('Psychological thriller', 3) ('Art film', 3) ('Action', 2) ('Tragedy', 2) ('Melodrama', 2) ('Western', 2) ('Propaganda film', 2) ('Stop motion', 2) ('Detective fiction', 1) ('Detective', 1) ('Courtroom Drama', 1) ('Holiday Film', 1) ('Tamil cinema', 1) ('Animation', 1) ('Crime Thriller', 1) ('Family-Oriented Adventure', 1) ('Costume drama', 1) ('Action Thrillers', 1) ('Children's Entertainment', 1) ('Buddy film', 1) ('Zombie Film', 1) ('War film', 1) ('Remake', 1) ('Crime Drama', 1) ('Heist', 1) ('Slasher', 1) ('Kitchen sink realism', 1) ('Satire', 1) ('Religious Film', 1) ('Family Film', 1) ('Ensemble Film', 1) ('Domestic Comedy', 1) ('Gangster Film', 1) ('Swashbuckler films', 1) ('Family Drama', 1) ('Pre-Code', 1) ('Musical comedy', 1) ('Cult', 1) ('Teen', 1) ('Thriller', 1))

Cluster #21  
Neurons: 8, Total movies: 42  
(('Musical', 37) ('Drama', 20) ('Coming of age', 2) ('Christian film', 2) ('Musical comedy', 2) ('Romantic comedy', 1) ('Adventure', 1) ('History', 1) ('Biographical film', 1) ('Punk rock', 1) ('Musical Drama', 1) ('War film', 1) ('Children's', 1) ('Indie', 1) ('Teen', 1) ('Pre-Code', 1) ('Historical drama', 1) ('Prison', 1) ('British New Wave', 1) ('Ensemble Film', 1) ('Comedy-drama', 1) ('Fantasy', 1))

Cluster #22  
Neurons: 32, Total movies: 189  
(('Thriller', 187) ('Action', 77) ('Drama', 64) ('Crime Thriller', 42) ('Psychological thriller', 41) ('Mystery', 38) ('Crime Fiction', 31) ('Horror', 24) ('Action Thrillers', 19) ('Indie', 18) ('Spy', 16) ('Action/Adventure', 16) ('Suspense', 13) ('Black-and-white', 11) ('Film adaptation', 9) ('Film noir', 8) ('Science Fiction', 8) ('Supernatural', 7) ('Adventure', 7) ('Romance Film', 7) ('Comedy', 7) ('War film', 6) ('Martial Arts Film', 6) ('Detective fiction', 5) ('Detective', 5) ('Political thriller', 5) ('Erotic thriller', 5) ('Slasher', 5) ('Television movie', 5) ('Disaster', 4) ('Docudrama', 4) ('Political drama', 4) ('Family Film', 4) ('Bollywood', 4) ('Fantasy', 3) ('Comedy film', 3) ('Heist', 2) ('Cult', 2) ('Comedy Thriller', 2) ('Sports', 1) ('Period piece', 1) ('Airplanes and airports', 1) ('Family Drama', 1) ('Surrealism', 1) ('Kafkaesque', 1) ('Tamil cinema', 1) ('Future noir', 1) ('Computer Animation', 1) ('Whodunit', 1) ('B-movie', 1) ('Biopic [feature]', 1) ('Romantic drama', 1) ('Remake', 1) ('Blaxploitation', 1) ('Crime Comedy', 1) ('Screwball comedy', 1) ('Chase Movie', 1) ('Glamorized Spy Film', 1) ('Psycho-biddy', 1) ('Escape Film', 1) ('Western', 1) ('Hybrid Western', 1) ('Musical', 1) ('Tollywood', 1) ('Historical fiction', 1) ('Ensemble Film', 1) ('Capser story', 1) ('Archives and records', 1) ('Gothic Film', 1) ('Haunted House Film', 1) ('Chinese Movies', 1) ('Biker Film', 1) ('Outlaw biker film', 1) ('Natural horror films', 1) ('Comedy-drama', 1) ('Political satire', 1) ('Satire', 1) ('Black comedy', 1))

Cluster #23  
Neurons: 11, Total movies: 123  
(('Documentary', 110) ('Culture & Society', 23) ('Biography', 23) ('Social issues', 13) ('Indie', 12) ('Music', 11) ('History', 9) ('Political cinema', 8) ('War film', 6) ('Sports', 5) ('World cinema', 5) ('Rockumentary', 5) ('Travel', 3) ('Comedy', 2) ('Animals', 2) ('Mockumentary', 2) ('Experimental film', 2) ('Avant-garde', 2) ('Black-and-white', 2) ('Fan film', 2) ('Biographical film', 2) ('Instrumental Music', 2) ('Anthropology', 2) ('Interpersonal Relationships', 2) ('Historical drama', 2) ('Comedy film', 2) ('Media Studies', 2) ('Propaganda film', 1) ('Computers', 1) ('Law & Crime', 1) ('Latino', 1) ('Romance Film', 1) ('Stand-up comedy', 1) ('Business', 1) ('Musical', 1) ('Essay Film', 1) ('Satire', 1) ('Extreme Sports', 1) ('Adventure', 1) ('Gender Issues', 1) ('Christian film', 1) ('Illnesses & Disabilities', 1) ('Short Film', 1) ('Political drama', 1) ('Concert film', 1) ('News', 1))

Cluster #24  
Neurons: 20, Total movies: 97  
(('World cinema', 63) ('Drama', 49) ('Animation', 34) ('Bollywood', 24) ('Comedy', 15) ('Musical', 12) ('Indie', 4) ('Thriller', 3) ('Adventure', 3) ('Children's/Family', 2) ('Black-and-white', 2) ('Family Film', 2) ('Comedy film', 2) ('Biographical film', 2) ('Parody', 1) ('Computer Animation', 1) ('Art film', 1) ('Ensemble Film', 1) ('Road movie', 1) ('Children's', 1) ('Animated cartoon', 1) ('Sword and sorcery', 1) ('Slice of life story', 1) ('Horror', 1) ('Suspense', 1) ('Stop motion', 1) ('Japanese Movies', 1) ('Chinese Movies', 1) ('Crime Thriller', 1) ('Music', 1) ('Courtroom Drama', 1) ('Historical fiction', 1) ('Historical Epic', 1) ('Christian film', 1) ('Crime Fiction', 1) ('Action', 1) ('Comedy-drama', 1) ('Film u00e0 clef', 1) ('Family-Oriented Adventure', 1) ('Documentary', 1))

Cluster #25  
Neurons: 19, Total movies: 97  
(('Drama', 97) ('Romantic drama', 96) ('Romance Film', 95) ('World cinema', 46) ('Period piece', 40) ('Film adaptation',

11) ('Indie', 9) ('Biographical film', 9) ('Costume drama', 7) ('Mystery', 7) ('Comedy-drama', 5) ('Thriller', 5) ('Epic', 4) ('Romantic comedy', 4) ('War film', 4) ('Coming of age', 4) ('Historical fiction', 4) ('Political drama', 3) ('Comedy', 3) ('Biography', 3) ('Fantasy', 3) ('Melodrama', 3) ('Family Drama', 2) ('Filipino Movies', 2) ('Biopic [feature]', 2) ('Fantasy Drama', 2) ('History', 2) ('Black-and-white', 2) ('Comedy film', 2) ('Dance', 2) ('Supernatural', 2) ('Marriage Drama', 1) ('Historical Epic', 1) ('Crime Comedy', 1) ('Film noir', 1) ('Silent film', 1) ('Western', 1) ('Action/Adventure', 1) ('Comedy of manners', 1) ('Roadshow theatrical release', 1) ('Television movie', 1) ('Chinese Movie', 1) ('Suspense', 1) ('Boxing', 1) ('Sports', 1) ('Parody', 1) ('Blaxploitation', 1) ('Americana', 1) ('Chase Movie', 1) ('Road movie', 1) ('Religious Film', 1) ('Crime Fiction', 1) ('Japanese Movies', 1) ('Erotic Drama', 1) ('Docudrama', 1) ('Tamil cinema', 1) ('Medical fiction', 1) ('Musical', 1) ('Musical Drama', 1) ('Teen', 1)

Cluster #26

Neurons: 14, Total movies: 43

('Romance Film', 43) ('Comedy', 32) ('Drama', 29) ('Romantic comedy', 8) ('Teen', 7) ('Coming of age', 6) ('Crime Fiction', 5) ('Fantasy', 5) ('Adventure', 4) ('Comedy film', 4) ('Black-and-white', 3) ('Comedy-drama', 3) ('Biographical film', 3) ('Music', 3) ('Sports', 2) ('Comedy of Errors', 2) ('Family Film', 2) ('War film', 1) ('Docudrama', 1) ('Legal drama', 1) ('Feminist Film', 1) ('Courtroom Drama', 1) ('Ensemble Film', 1) ('Americana', 1) ('Family Drama', 1) ('Period piece', 1) ('Historical drama', 1) ('World cinema', 1) ('Bollywood', 1) ('Satire', 1) ('Road movie', 1) ('Thriller', 1) ('Musical', 1) ('Slapstick', 1) ('Children's', 1) ('Action', 1) ('Parody', 1) ('Political satire', 1) ('Pre-Code', 1) ('Indie', 1) ('Cult', 1)

Cluster #27

Neurons: 19, Total movies: 121

('Romantic comedy', 121) ('Romance Film', 121) ('Comedy', 119) ('Drama', 62) ('Romantic drama', 36) ('Indie', 32) ('Comedy-drama', 18) ('World cinema', 13) ('Fantasy', 9) ('Sports', 9) ('Black comedy', 8) ('Coming of age', 7) ('Film adaptation', 6) ('Comedy of manners', 5) ('Period piece', 4) ('Musical', 4) ('Sex comedy', 4) ('Chinese Movies', 3) ('Black-and-white', 3) ('Media Satire', 3) ('Workplace Comedy', 3) ('Japanese Movies', 3) ('Buddy film', 3) ('Television movie', 3) ('Teen', 3) ('Ensemble Film', 3) ('Parody', 3) ('Political cinema', 2) ('Political drama', 2) ('Screwball comedy', 2) ('Satire', 2) ('Slice of life story', 2) ('Crime Comedy', 2) ('Time travel', 2) ('Musical comedy', 1) ('Adventure', 1) ('Pre-Code', 1) ('Heavenly Comedy', 1) ('Crime Fiction', 1) ('Domestic Comedy', 1) ('Fantasy Comedy', 1) ('Horror', 1) ('Zombie Film', 1) ('Horror Comedy', 1) ('Road movie', 1) ('Backstage Musical', 1) ('Religious Film', 1) ('Silent film', 1) ('Chase Movie', 1) ('Heaven-Can-Wait Fantasies', 1) ('Social problem film', 1) ('Baseball', 1) ('Comedy of Errors', 1) ('Remake', 1) ('New Hollywood', 1) ('Costume drama', 1) ('War film', 1) ('Music', 1) ('Tragicomedy', 1) ('Thriller', 1) ('Family Drama', 1)

Cluster #28

Neurons: 17, Total movies: 99

('Thriller', 99) ('Mystery', 65) ('Psychological thriller', 36) ('Crime Thriller', 32) ('Drama', 32) ('Suspense', 29) ('Crime Fiction', 29) ('Horror', 17) ('Supernatural', 11) ('Film adaptation', 8) ('Science Fiction', 7) ('Fantasy', 6) ('Indie', 6) ('Whodunit', 5) ('Detective', 4) ('Television movie', 4) ('Black-and-white', 4) ('World cinema', 4) ('Comedy', 3) ('Detective fiction', 3) ('Slasher', 3) ('Gangster Film', 3) ('Film noir', 3) ('Courtroom Drama', 2) ('Romance Film', 2) ('Period piece', 2) ('Political thriller', 2) ('Caper story', 2) ('Erotic thriller', 2) ('Haunted House Film', 2) ('Disaster', 1) ('Action/Adventure', 1) ('Black comedy', 1) ('Melodrama', 1) ('Costume drama', 1) ('Costume Horror', 1) ('History', 1) ('Ensemble Film', 1) ('Experimental film', 1) ('Surrealism', 1) ('Avant-garde', 1) ('Crime Comedy', 1) ('Heist', 1) ('Romantic drama', 1) ('Comedy film', 1) ('Adventure', 1) ('Road movie', 1) ('Coming of age', 1) ('Short Film', 1) ('Time travel', 1) ('War film', 1) ('Giallo', 1) ('Alien Film', 1) ('Docudrama', 1)

Cluster #29

Neurons: 25, Total movies: 99

('Action', 98) ('Thriller', 84) ('Action/Adventure', 82) ('Crime Fiction', 62) ('Drama', 31) ('Action Thrillers', 25) ('Crime Thriller', 22) ('Martial Arts Film', 11) ('Gangster Film', 11) ('World cinema', 8) ('Japanese Movies', 6) ('Romance Film', 6) ('Indie', 6) ('Blaxploitation', 6) ('Suspense', 6) ('Chase Movie', 4) ('Sports', 4) ('Political thriller', 4) ('Adventure', 3) ('Psychological thriller', 3) ('Superhero movie', 3) ('Mystery', 3) ('Disaster', 3) ('Chinese Movies', 3) ('Comedy', 2) ('Fantasy', 2) ('Crime Drama', 2) ('Science Fiction', 2) ('Glamorized Spy Film', 2) ('Supernatural', 2) ('Auto racing', 2) ('Superhero', 2) ('Black-and-white', 1) ('Music', 1) ('Surrealism', 1) ('Western', 1) ('Bollywood', 1) ('Spy', 1) ('Family Drama', 1) ('Coming of age', 1) ('Airplanes and airports', 1) ('Existentialism', 1) ('Heist', 1) ('Television movie', 1) ('War film', 1) ('Detective', 1) ('Comedy Thriller', 1) ('Horror', 1) ('Courtroom Drama', 1) ('Animation', 1) ('Comedy film', 1)

Cluster #30

Neurons: 16, Total movies: 41

('Drama', 39) ('Action/Adventure', 33) ('World cinema', 23) ('Adventure', 21) ('Period piece', 12) ('Romance Film', 11) ('War film', 11) ('Western', 10) ('Film adaptation', 8) ('Action', 8) ('Romantic drama', 5) ('Chinese Movies', 5) ('History', 5) ('Costume Adventure', 3) ('Historical fiction', 3) ('Martial Arts Film', 3) ('Revisionist Western', 3) ('Biography', 3) ('Comedy', 3) ('Crime Fiction', 3) ('Musical', 2) ('Historical Epic', 2) ('Japanese Movies', 2) ('Epic Western', 2) ('Costume drama', 2) ('Epic', 2) ('Indie', 2) ('Fantasy', 2) ('Docudrama', 2) ('Sports', 2) ('Musical comedy', 1) ('Musical Drama', 1) ('Sword and Sandal', 1) ('Wuxia', 1) ('Religious Film', 1) ('Anti-war', 1) ('Black-and-white', 1) ('Anti-war film', 1) ('Thriller', 1) ('Coming of age', 1) ('Indian Western', 1) ('Swashbuckler films', 1) ('Family Film', 1) ('Family-Oriented Adventure', 1) ('New Hollywood', 1) ('Airplanes and airports', 1) ('Children's/Family', 1) ('Teen', 1) ('Biographical film', 1) ('Television movie', 1) ('Spy', 1) ('Horror', 1) ('Supernatural', 1) ('Indie', 1) ('Courtroom Drama', 1) ('Chase Movie', 1) ('Art film', 1) ('Bollywood', 1) ('Road movie', 1) ('Music', 1) ('Documentary', 1)

Cluster #31

Neurons: 10, Total movies: 52

('Drama', 52) ('Melodrama', 15) ('Family Drama', 12) ('Film adaptation', 4) ('Coming of age', 3) ('Music', 3) ('Road movie', 2) ('Biography', 2) ('Americana', 2) ('Inspirational Drama', 1) ('Biographical film', 1) ('Silent film', 1) ('Crime Drama', 1) ('Teen', 1) ('British New Wave', 1) ('Addiction Drama', 1) ('Chinese Movies', 1) ('New Hollywood', 1) ('Period piece', 1)

Cluster #32

Neurons: 19, Total movies: 93

('Drama', 92) ('Action', 37) ('Television movie', 19) ('Biographical film', 15) ('Sports', 11) ('Biography', 11) ('Political drama', 10) ('Period piece', 9) ('Biopic [feature]', 9) ('Docudrama', 8) ('Film adaptation', 6) ('Musical', 5) ('Family Film', 4) ('Prison', 4) ('Crime Drama', 2) ('Japanese Movies', 2) ('Comedy film', 2) ('Bollywood', 2) ('Boxing', 2) ('Fantasy', 2) ('History', 2) ('Western', 2) ('Ensemble Film', 1) ('Horror', 1) ('Slasher', 1) ('Indie', 1) ('Courtroom Drama', 1) ('Christian film', 1) ('Blaxploitation', 1) ('Filipino Movies', 1) ('Documentary', 1) ('Comedy-drama', 1) ('Chinese Movies', 1) ('Social problem film', 1) ('Escape Film', 1) ('Melodrama', 1) ('Action/Adventure', 1) ('New Hollywood', 1) ('Political satire', 1) ('Satire', 1)



Cluster #33

Neurons: 19, Total movies: 94

('Drama', 93) ('Romance Film', 91) ('Crime Fiction', 11) ('Family Film', 11) ('Melodrama', 7) ('War film', 6) ('Romantic drama', 6) ('Adventure', 3) ('Romantic comedy', 2) ('Coming of age', 2) ('Musical', 2) ('Crime Drama', 2) ('Japanese Movies', 2) ('Thriller', 2) ('Western', 1) ('Chinese Movies', 1) ('Mystery', 1) ('Animation', 1) ('Family Drama', 1) ('Film adaptation', 1) ('Fantasy', 1) ('Teen', 1) ('Short Film', 1) ('Horror', 1) ('Supernatural', 1) ('Music', 1) ('Comedy-drama', 1) ('Film u00e0 clef', 1) ('Science Fiction', 1) ('Silent film', 1) ('Road movie', 1) ('Americana', 1) ('New Hollywood', 1) ('Political drama', 1)

Cluster #34

Neurons: 21, Total movies: 62

('Drama', 62) ('Romance Film', 60) ('Romantic drama', 50) ('Film adaptation', 25) ('Black-and-white', 20) ('Indie', 18) ('Television movie', 12) ('Melodrama', 9) ('Family Drama', 5) ('Marriage Drama', 4) ('Adventure', 4) ('Epic', 4) ('Costume drama', 4) ('Musical', 3) ('Period piece', 3) ('Comedy', 3) ('Tragedy', 3) ('Thriller', 3) ('War film', 3) ('Pre-Cod e', 2) ('Musical Drama', 2) ('Feminist Film', 2) ('Political drama', 2) ('Action', 2) ('Crime Fiction', 2) ('Inspirational Drama', 2) ('Coming of age', 2) ('Action/Adventure', 2) ('Western', 2) ('Family Film', 2) ('Biography', 2) ('Biopic [feature]', 2) ('Addiction Drama', 1) ('World cinema', 1) ('Backstage Musical', 1) ('Musical comedy', 1) ('Historical Epic', 1) ('Japanese Movies', 1) ('Ensemble Film', 1) ('Chase Movie', 1) ('Road movie', 1) ('Crime Drama', 1) ('Roadshow theatrical release', 1) ('Film noir', 1) ('Mystery', 1) ('New Hollywood', 1) ('Silent film', 1) ('Fantasy', 1) ('Steampunk', 1) ('Comedy-drama', 1) ('Americana', 1) ('Historical fiction', 1) ('Sports', 1) ('Psychological thriller', 1) ('Kitchen sink realism', 1) ('British New Wave', 1) ('Teen', 1)

Ενδεικτικά θα ελέγξουμε σε ποιο cluster ανήκει η ταινία "Monty Python's The Meaning of Life".

In [203...]

```
print(titles[618][0])
print(bmus[618])
print(categories[618])
## neuron [1, 0] belongs to cluster 10
```

Monty Python's The Meaning of Life

[1 0]

['Cult', 'Parody', 'Satire', 'Comedy', 'Black comedy']

Βλέπουμε ότι ανήκει στο cluster 10, το οποίο από τα παραπάνω παρατηρούμε ότι περιέχει όντως κατηγορίες comedy, parody, black comedy και satire σε αρκετά μεγάλο ποσοστό.

## Ανάλυση τοπολογικών ιδιοτήτων χάρτη SOM

Σε αυτό το σημείο θα συνοψίσουμε τις παρατηρήσεις μας απο την παραπάνω μελέτη των ιδιοτήτων των clusters.

- Τα δύο μεγαλύτερα clusters (1 και 2) έχουν ως βασικές κατηγορίες το Action και το Horror, τα οποία είναι πολύ συχνές κατηγορίες στο dataset μας.
- Το cluster 30, το οποίο είναι γειτονικό του 1 αλλά με πολύ μικρότερο μέγεθος, φαίνεται σαν να αποτελεί "υποκατηγορία" του 1, καθώς στις κατηγορίες του περιέχονται σε μεγάλο ποσοστό οι κατηγορίες Drama, Action/Adventure και Adventure.
- Αντιθέτως, τα μικρότερα clusters φαίνεται να περιέχουν πιο σπάνιες κατηγορίες, π.χ. 21: Musical, 23: Documentary.
- Τα clusters 10 και 6 έχουν πολύ παρόμοια θεματολογία (10: Comedy, black and white, parody, 6: Comedy, family film, short film, animation, black and white) και είναι γειτονικά.
- Αντίστοιχα, τα clusters 22, 28, 29, 17 είναι όλα γειτονικά μεταξύ τους και έχουν πολύ παρόμοια θεματολογία:
  - 22: Thriller, action, drama, crime thriller, psychological thriller
  - 28: Thriller, mystery, psychological thriller, crime thriller, drama
  - 29: Action, thriller, action/adventure, crime fiction, drama, action thriller
  - 17: Drama, thriller, crime fiction, crime thriller, mystery
  - Σε μικρότερο βαθμό, μερικά από τα παραπάνω clusters περιέχουν κατηγορίες suspense και horror, οι οποίες επίσης είναι σχετικές.
- Clusters που είναι απομακρυσμένα μεταξύ τους γενικά τείνουν να έχουν διαφορετική θεματολογία, π.χ.:
  - Τα clusters 28 και 14 έχουν ως βασικά θέματα το thriller και το family film αντίστοιχα.
  - Τα clusters 10 και 3 έχουν ως βασικά θέματα το comedy και το drama/crime fiction αντίστοιχα.
- Μερικά clusters δεν έχουν σαφή θεματολογία, π.χ.:
  - Στο cluster 11 όλες οι ταινίες φαίνεται να είναι drama αλλά δεν έχουν καμία άλλη κατηγορία που να εμφανίζεται με αρκετά μεγάλη συχνότητα και να διαφοροποιεί τις συγκεκριμένες ταινίες από τις υπόλοιπες ταινίες drama που δεν περιέχονται στο συγκεκριμένο cluster.
  - Το cluster 13 περιλαμβάνει κάποιες σπάνιες κατηγορίες όπως το western και το silent film, αλλά καμία από αυτές δεν εμφανίζεται σε αρκετά μεγάλο πλήθος ταινιών του cluster ώστε να συμπεράνουμε ότι το cluster αφορά ταινίες αυτού του είδους.
  - Στο cluster 31 επίσης φαίνεται όλες οι ταινίες να είναι drama, αλλά και πάλι δεν έχουν καμία άλλη κατηγορία που να εμφανίζεται αρκετά συχνά, εκτός ίσως από το melodrama που εμφανίζεται σε 15 από τις 52 ταινίες.
- Ιδιαίτερο ενδιαφέρον παρουσιάζει ότι ορισμένα clusters έχουν πολύ ξεκάθαρα διαμορφωμένο θέμα, έχοντας συνδυάσει κατηγορίες που είναι σχετικές μεταξύ τους. Για παράδειγμα:

- Το cluster 0 περιλαμβάνει κυρίως ταινίες πολεμικού/πολιτικού περιεχομένου (war film, period piece, history, political drama).
- Το cluster 4 περιλαμβάνει κυρίως ρομαντικές ταινίες (romance film, romantic drama, musical).
- Το cluster 9 περιλαμβάνει κυρίως ταινίες που αναφέρονται σε παλαιότερες εποχές (black and white, period piece, biographical film, biography, film adaptation).
- Εκτός από τα clusters που αναφέραμε εδώ, υπάρχουν και άλλα που έχουν ξεκάθαρα διαμορφωμένη θεματολογία, π.χ. τα 22, 28, 29, 17 που περιέχουν διάφορες κατηγορίες σχετικές με thriller, όπως δείξαμε παραπάνω.

Παραπάνω ασχοληθήκαμε ενδεικτικά με ορισμένα clusters για να δείξουμε παραδείγματα στα οποία οι τοπολογικές ιδιότητες που μελετήσαμε ήταν πολύ φανερές. Αυτές ισχύουν όμως για τα περισσότερα clusters, σε μικρότερο βαθμό. Σημειώνουμε ότι η ύπαρξη μερικών clusters που δεν έχουν σαφές θέμα ή/και που είναι σχεδόν ίδια με τα γειτονικά τους ενδέχεται να οφείλεται στο ότι η τιμή του  $k$  που επιλέξαμε (για τον  $k$ Means) είναι σχετικά μεγάλη (35). Αυτό ωστόσο δεν είναι απαραίτητα κακό. Προτιμήσαμε μεγάλο  $k$  ώστε να δημιουργηθούν όσο το δυνατόν περισσότερα clusters με ξεχωριστή θεματολογία.