

Курсовая работа по Нечеткой логике

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Группа: Р3210

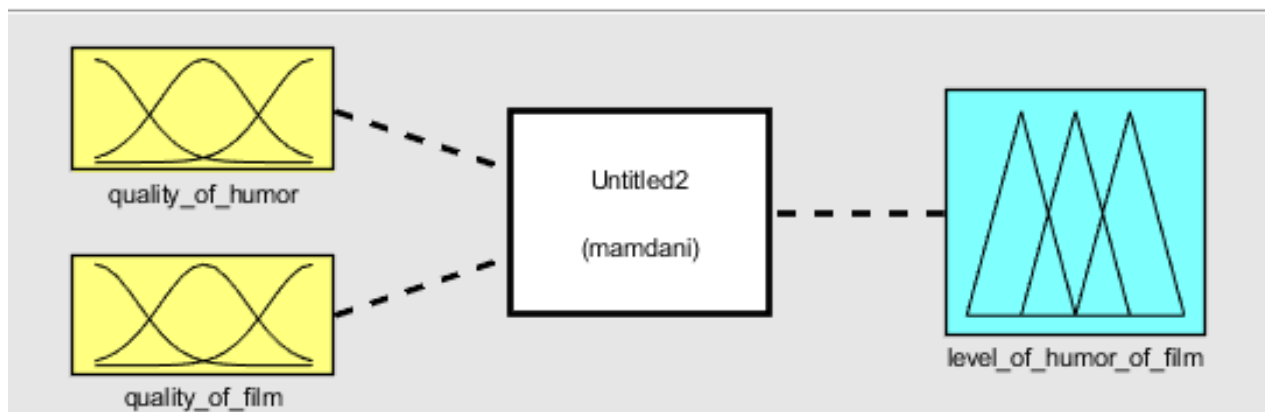
Преподаватель: Поляков Владимир Иванович

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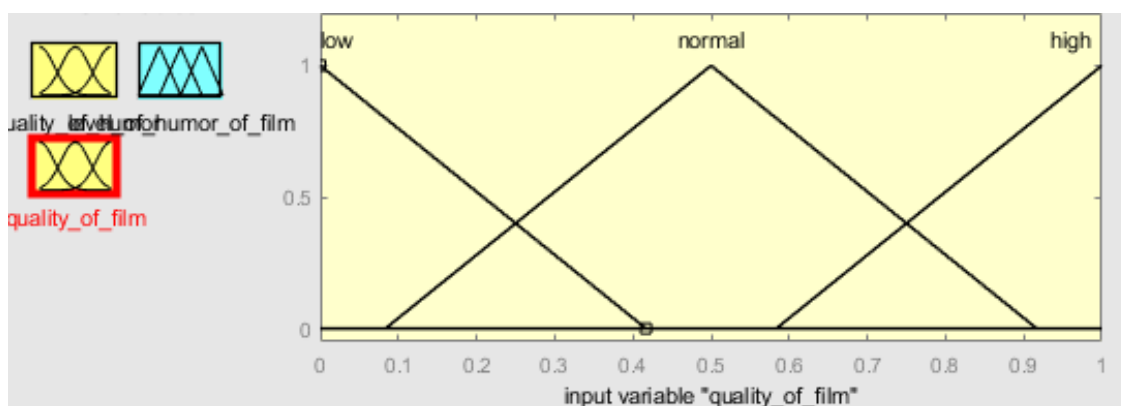
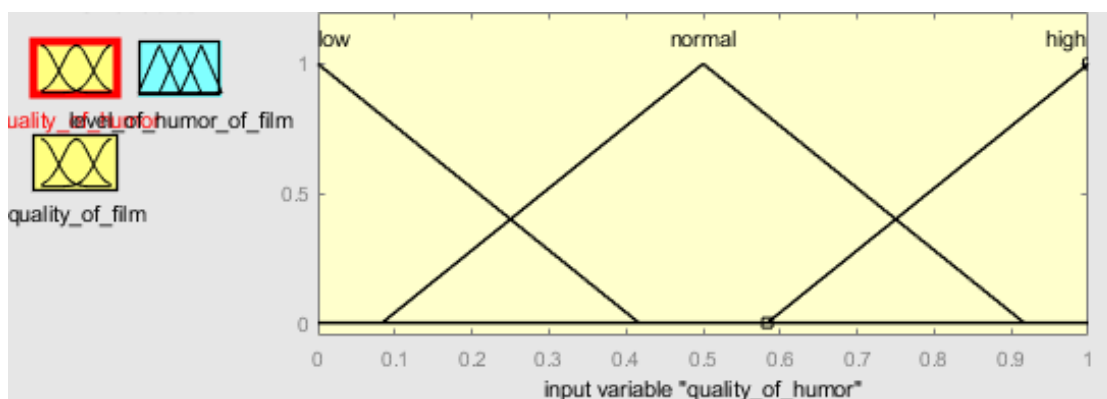
2021г

Во время выполнения работы был использован пакет инструментов *Fuzzy Logic* в MatLab.

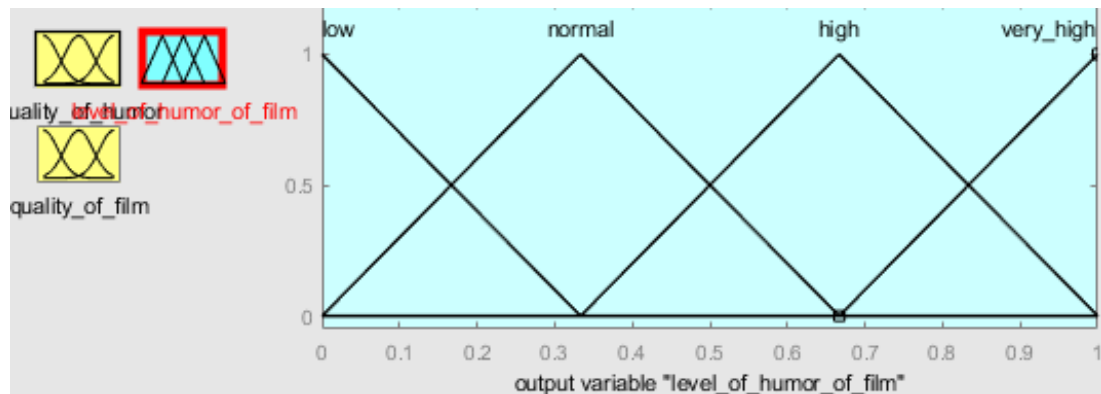
Модель, определяющая юмористичность фильма в зависимости от уровня юмора и качества самого фильма



Входные данные



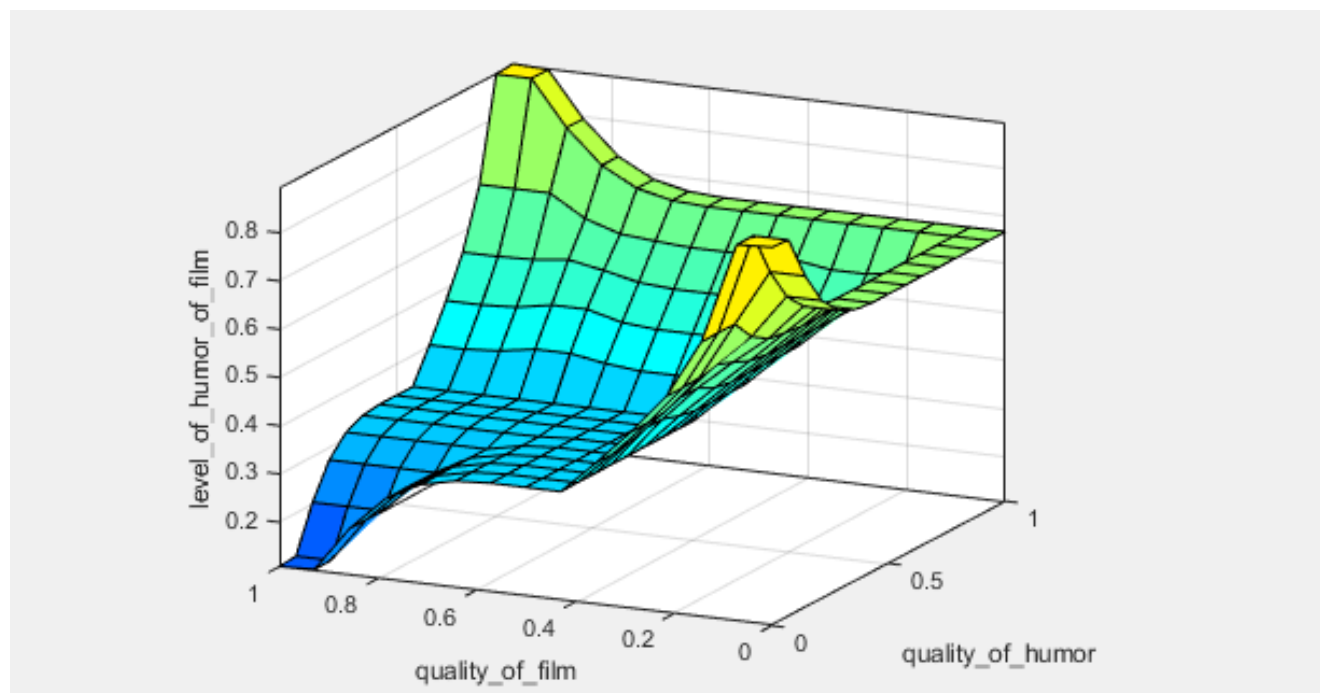
Выходные данные



Правила

1. If (quality_of_humor is low) and (quality_of_film is low) then (level_of_humor_of_film is very_high) (1)
2. If (quality_of_humor is low) and (quality_of_film is normal) then (level_of_humor_of_film is normal) (1)
3. If (quality_of_humor is low) and (quality_of_film is high) then (level_of_humor_of_film is low) (1)
4. If (quality_of_humor is normal) and (quality_of_film is low) then (level_of_humor_of_film is high) (1)
5. If (quality_of_humor is normal) and (quality_of_film is normal) then (level_of_humor_of_film is normal) (1)
6. If (quality_of_humor is normal) and (quality_of_film is high) then (level_of_humor_of_film is normal) (1)
7. If (quality_of_humor is high) and (quality_of_film is low) then (level_of_humor_of_film is high) (1)
8. If (quality_of_humor is high) and (quality_of_film is normal) then (level_of_humor_of_film is high) (1)
9. If (quality_of_humor is high) and (quality_of_film is high) then (level_of_humor_of_film is very_high) (1)

График зависимости



Результат работы при разных значениях

