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PASADENA, CALIFORNIA

TECH@CALTECH.EDU

JANUARY 21, 2019

M. Night Shyamalan Made Another Bad Movie: A Review of “Glass”

JACK LLOYD

Contributing Writer

The fun thing about going to see a new M. Night Shyamalan film is you never know what you're going to get. You might get an interesting and well-made thriller like "The Sixth Sense" (1999) or "Signs" (2002), or you might get one of the worst movies ever made like "The Last Airbender" (2010). Or you might get some strange and confusing garbage like "The Happening" (2008) and "After Earth" (2013). I was really hoping that "Glass" would fall into the first category. It had a lot going for it, being the final movie in a 19-year trilogy that started with the absolutely fantastic "Unbreakable" (2000) and was followed up by the darkly mesmerizing "Split" (2016). However, "Glass" never comes close to the greatness of its predecessors and instead clumsily falls into the bucket of strange and confusing M. Night Shyamalan garbage.

The movie is set a couple months after the events of "Split". An insane man (James McAvoy) who possesses 21 different personalities, one of which is a super strong villain called "The Beast", has captured some teens and plans on eating them. Luckily, local security-expert by day and hooded-vigilante-justice-dealer by night David Dunn (Bruce Willis) is ready to put a stop on The Beast's wicked plans. I thought the whole movie would be about Dunn trying to track down and stop The Beast, and that at some point he would need to team up with the criminal mastermind Mr. Glass (Samuel L. Jackson) from "Unbreakable" in order to do so. Nope. Dunn finds The Beast in the first 15 minutes. They fight a little, and then they are both arrested and sent to a psychiatric hospital where Mr. Glass has already been for 18 years. This entire first act feels rushed and like a contrived excuse to get all the characters in the same place. The rest of

the movie is all about the lead psychiatrist (Sarah Paulson) trying to convince the three men that their supposed "superpowers" are the result of mental delusions and that comic book heroes aren't real.

The second act of the movie takes place entirely in the psych hospital, and it is painfully boring. Nothing important happens. The characters just go in circles about the nature of their abilities. Then M. Night throws in side characters from the past movies, like David Dunn's son and the surviving hero from "Split", so that they too can do nothing interesting and instead question whether superpowers are real. The pacing is a wreck. Disparate scenes just stop and start without any purpose or context as the plot meanders for 40 minutes. The absolute worst part about all of this is that the most interesting character in the entire trilogy, Mr. Glass (the character the damn movie is named after), is under

heavy medical sedation for a good chunk of the time and does nothing but mumble and stare. What a waste of Samuel L. Jackson.

The third act picks up once the characters actually start doing things, and at some points actually becomes suspenseful and exciting. That is until the big twist. After all, it wouldn't be a Shyamalan movie without some big twist at the climax. M. Night must have been feeling particularly clever when writing "Glass" because he actually throws in two twists. And they both suck. They are lazy, shoe-horned and just kind of suck. They attempt to change the way people view the entire trilogy but end up only making it less interesting.

There are some good things in the movie. James McAvoy playing 21 hammy characters is always fun to watch, especially when he has to quickly switch between them. M. Night must

realize this is entertaining because McAvoy takes up most of the running time. Samuel L. Jackson is also deviously captivating once he wakes up from his meds. There's also cool fight scenes amplified by some creative camerawork. The relationships between the characters and their respective loved ones are also surprisingly endearing despite the ham-fisted way they are explored by M. Night.

However, these strong points can't compensate for messiness of everything else in "Glass". It slogs through a bunch of half-formed ideas without getting much accomplished. Even for fans of "Unbreakable" and "Split" that want to see how it all ends, I have a hard time recommending this movie just because it feels so anticlimactic. "Glass" is just further evidence that M. Night Shyamalan is the least consistent director still allowed to make big budget movies. I'm giving "Glass" a 2 out 5.

Is It Time To Retire The Caltech Beaver? A Modest Proposal: The Caltech Beavers Crows

JULES OPPENHEIM
Contributing Writer

Since its founding, Caltech has taken the humble beaver as its mascot. The beaver represented work, ingenuity and collective effort, values that guided Caltech's early development and to some extent continue to guide its development today.

However, in many ways, this symbol is archaic and unfashionable, and has diverged from the true values that Caltech now seeks to embody. Caltech is now an institution of inquiry and communication, and is guided by the quest to liberate ourselves from the shackles of the earth. Thus we see it most fit, that our mascot for a new

age be the noble crow. Crows are a ubiquitous presence on campus, unlike the beaver, which have all but vanished from the desert of Pasadena. Crows are seen effectively every day on campus and have served as a cherished staple of the Caltech community for generations of Techers. Beavers represent an idiosyncratic belief that

we must build barriers, but we see Caltech as an institution without boundaries committed wholeheartedly to openness and the progress towards truth. From an aesthetic perspective, the crow presents numerous opportunities as a mascot and branding icon for Caltech, with its elegance and simplicity. Furthermore "Caltech

Crows" alliterates and creates an aura of spirit and action. Most notably, Caltech's continued use of the beaver mascot furthers its comparison to and association with MIT. We want to establish that Caltech is a fundamentally unique institution that exists independent from MIT with distinct values and culture.

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JANUARY 21, 2019

THE CALIFORNIA TECH

ARC Minutes

Meetings are every week in SAC 13

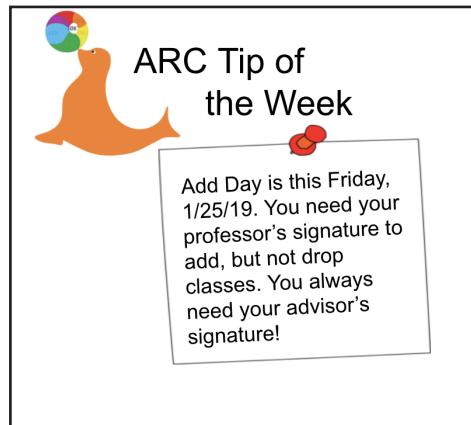
ARC Meeting Minutes – 1/20/19

Present: Present: Erika Salzman, Arushi Gupta, Tanvi Gupta, Daniel Neamati, Michael Yao, Alice Jin, Alycia Lee, Simon Lequar, Vibha Vijayakumar

Submitted by: Arushi Gupta

1. Add day is this Friday, 1/25
2. Project updates: Software seminar, Course Compliments, research page
 - a. Planning Mathematica software seminar with Tal; email and sign-ups coming soon
 - b. People are being awarded lunches for course compliments
 - c. Have made list of FAQs for research page;
3. Math o discussion
 - a. Professor Kiewiet has asked us to evaluate Ma o – if you have any feedback, please feel free to let any ARC member know
 - b. Pretty accessible approach to proof-based math
 - c. A lot of people find it helpful
 - d. A lot of people started it but didn't finish it, but helpful to have access to notes/read through assignments
 - e. Timing of making the link available
 - f. First set of Ma 1a was similar to Ma o
4. Last call for SFC Special Committee applications
 - a. Even though deadline has technically passed, signups are still open

The ARC website at arc.caltech.edu has more information about what the ARC does if you are interested. We meet every Sunday at 2pm in SAC13 and our meetings are open to everyone! If you have any questions, please feel free to email esalzman@caltech.edu.



ASCIT Minutes

Meetings are every week in SAC 13

ASCIT Board of Directors Meeting: VPSA

Minutes for 16 January 2018. Taken by Rachel Sun.

Officers Present: Sakthi Vetrivel, Erika Salzman, Sarah Crucilla, Varun Shanker, Irene Chang, David Berger Maneiro, Rachel Sun

Guests: Tom Mannion, Joe Shepherd, Kevin Gilmartin

Call to Order: 12:10 PM

President's Report (Sakthi):

- Alternative events during Interhouses
- Cancelling End of Rotation Party for next year
- Changing Multihouse Event funding structure
- Assigning house pairings

Officer's Reports:

V.P. of Academic Affairs (Erika):

- Regular Program updates
- Planning Ombuds Training, Software Seminar, Course Capture
- Student Faculty Conference updates
- Will be held on Friday March 8, 2019; announcement to faculty sent out through the Provost
- Special committee topics (Academic Honor Code & Option Advising) announced to undergraduates; forming committees, writing surveys
- Option Committees in the process of sending out surveys

V.P. of Non-Academic Affairs (Sarah):

- Elections are beginning
- Presidents talking to candidates
- New members next Tuesday
- IHC Rotation Reflections
- Meeting with Felicia: discussed Orange Watch and new construction protocols.
- Future meetings
- CABLE
- New Title IX Staff member
- ACRL

Director of Operations (Varun):

- Implementing Oversight of the Tech
- Renovations to ASCIT Screening Room
- SAC to Hameetman transfer (club rooms, music rooms, etc.)

Treasurer (Irene):

- Working on reimbursements.

Social Director (David):

- Have Pasadena Ice Skating Rink event on January 25th
- Planning Be a Kid Again day for February
- Movie Night in March
- Pi Day on 3/14
- Might be interested in campus wide Capture the Flag

Secretary (Rachel):

- Nothing to report.

If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions.

Meeting Adjourned: 8:44 PM

Upcoming Events

EDITORS-IN-CHIEF

Let's Talk

Friday, January 25 | 3 PM | Jorgensen 126

Let's Talk is a chance for students to have brief, informal, and confidential chats with Counseling Services staff. You can ask questions, troubleshoot concerns, find advocacy opportunities, and learn about campus resources. It's not a substitute for formal counseling and is not considered mental health treatment. Let's Talk staff can listen to your specific concerns, help you problem-solve, and connect to resources both on- and off-campus that could be helpful to you.

Learn How to Knit

Wednesday, January 23 | 12 PM | Annenberg 107

Come and learn the basics of the one of the oldest technologies on Earth; the making of cloth. Knitting is the low-tech technology that allows you to make cloth and clothing using only yarn and two sticks.

When you knit you make repetitive movements that require you to create a pattern that releases calming serotonin. In addition to its calming effects, knitting can distract from chronic pain - as focus is turned elsewhere. The recurring movements needed to knit can also help your brain to maintain cognitive abilities.

Space is limited, so please do not sign up to the classes you are not sure if you are attending. We are also reserving a few spaces for walk-ins! Once the class starts we will take attendance on a first-come, first-served basis. Be punctual to avoid forfeiting your space.

<https://newyearresolutionknitting.eventbrite.com>

William Bennet Munro History Seminar Series

Thursday, January 24 | 4 PM | Dabney Hall 110 (Treasure Room)

Abstract: Did the United States promise Russia, at the end of the Cold War, that it would not expand NATO eastward? Washington says no; Moscow says yes; what does the evidence say? In a scholarly effort to move beyond the heated rhetoric and to document the sequence of events that resulted in post-Cold War NATO enlargement, Professor Sarotte has conducted extensive research in the US, Germany, Britain, France, and Russia. In this lecture, she will analyze the evidence on the origin of post-Cold War NATO expansion – much of which she has gotten declassified – and assess enlargement's legacy for international relations today.

Last Day for Adding Courses and Removing Conditions and Incompletes

Friday, January 25 | All Day | CSS

Last day for adding courses and removing conditions and incompletes.

Coping with Procrastination and Work Avoidance

Friday, January 25 | 4 PM | Avery Library

Counseling Services is pleased to offer a workshop on coping with procrastination and work avoidance. It's open to all graduate and undergraduate students - come join us! No signup is necessary - just show up. We'll meet in Avery Library from 4:00 - 5:00. If you can't make it to this session, the workshop will repeat on Friday, February 15th in the same location.

* Learn tools for coping with procrastination and work avoidance;

* Learn practical, behavioral strategies for responding differently to old habits;

* Respond differently to unhelpful thoughts like, "I can just get up early and do this tomorrow."; and

* Sign up for an optional text-based reminder system to keep the lessons from the workshop fresh.

For more information see <http://counseling.caltech.edu>

Caltech Chamber Music Ensembles

Saturday, January 26 | 8 PM | Dabney Hall, Lounge

Maia Jasper White, Director

Program:

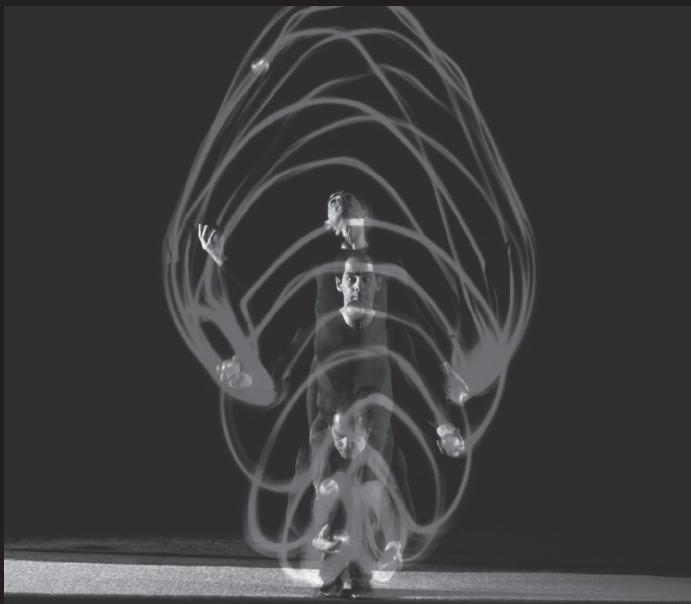
The program for this concert has not yet been announced.

This concert is free and open to the public, with no tickets or reservations required. Parking is also free.

Please note that each of the Caltech Chamber Music Ensembles concerts in January and February will showcase different groups.

For further information, please call (626) 395-3295.

Caltechlive! Moschen in Motion



Michael Moschen, juggler without compare and MacArthur Fellow, incorporates the rich beauty of art, science, physics and mathematics into a show of creative, fantastic and impossible feats of manipulation and illusion.

SAT., JAN. 26, 2019 • 8PM

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FEBRUARY 20
GETTING UNSTUCK FROM EMOTIONAL RUTS

MARCH 6
MINDFULNESS AND EMDR FOR SELF-CARE

MARCH 20
WELCOMING THE DIFFERENT PARTS OF YOUR PERSONALITY

wellness.caltech.edu

FEBRUARY 13
EMOTION REGULATION STRATEGIES

FEBRUARY 27
HEALTHY SEXUAL RELATIONSHIPS

MARCH 13TH
MANAGING YOUR FAMILY'S EXPECTATIONS

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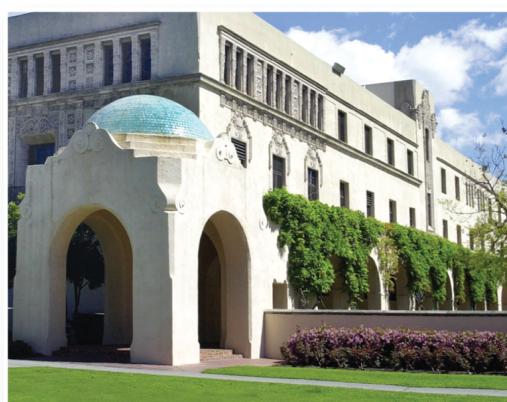
WELLNESS.CALTECH.EDU



TUESDAYS 4-5PM
BEGINNING JANUARY 29

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ANNOUNCEMENTS

THE CALIFORNIA TECH

Seeking Ushers for CaltechLive!

Do you have a passion for the arts? Are you a people person? If so, come play an important role in the CaltechLive! 2019 season. You'll make new friends, support the arts and see performances for free!

Seeking energetic, articulate people to provide excellent customer service for Caltech Public Events. Serve as a goodwill ambassador; ensuring audiences have a safe and enjoyable experience while attending performances and programs in Beckman and Ramo auditorium. Ushers must be able to stand on their feet for long periods of time, assist patrons to their seats, read and comprehend printed tickets and communicate respectfully and clearly. Assist with concession or souvenir sales as needed. Must be able to lift up to 25lbs. Ushers are scheduled on an event basis, typical shifts include nights and weekends. Prior theater experience is a plus.

To apply contact: Ed Brown at edbrown@caltech.edu

LET'S TALK

Brief, confidential,
supportive conversations

NO APPOINTMENT NEEDED
NO PAPERWORK

Fridays 3 - 4:30pm
Jan 11 - Mar 15
126 Jorgensen

meet counseling services staff
problem-solve & ask questions

wellness.caltech.edu | 626-395-8331

Let's Talk is not a substitute for formal counseling
and is not considered mental health treatment.

AMAZON SKYMALL



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<https://goo.gl/forms/72boQrQXrieDaoNi2>

SPORTS

THE CALIFORNIA TECH

JANUARY 21, 2019

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Photo: Noelle Davis

Eiden Doubles in Exciting Rematch

GOCALTECH.COM
Actual Sports Content Editor

PASADENA (Jan. 19, 2019) – Senior center Elizabeth Eiden (White Plains, N.Y. / Holy Child) of the Caltech women's basketball team posted a huge all-around stat line when the Beavers rematched Pomona-Pitzer Colleges in the annual Orange Out game on Saturday.

The senior picked up 23 points to lead all players to go along with 10 rebounds for her 10th double-double of the season. Eiden also had one of the most efficient shooting days of her career, going 11-for-16 from the field while utilizing her size to maximize short-range opportunities. Defensively, the center was every bit as good leading all players with three blocks to move her career total to 199. When Eiden (who already has more blocks than anyone in the history of the women's basketball program) hits the 200, she will become the first player in Caltech history to reach the milestone.

Caltech impressed its fans early with a 24-point first quarter and entered the half trailing the first-place Sagehens by just three points. Although the visitors began to find a rhythm following Caltech's successful first frame, junior

guard Grace Peng (San Ramon, Calif. / California) provided the Beavers with a steady presence at point guard, dumping 16 points of her own including nine in the first half in addition to three steals across all four quarters. Classmate Samantha D'Costa (San Jose, Calif. / St. Francis) helped the home team's perimeter defense as well and chipped in off the bench with eight points, five assists, and four rebounds. Eventually, a Peng jump shot tied the game at 63 with just over four minutes to go and the Beavers trailed by as little as two points with just over 90 seconds left in regulation. Caltech rattled off some quick fouls with the hopes of getting the ball back in a one-possession game but the visiting Sagehens knocked down all but one free throw down the stretch. Senior guard Nika Haleftiras (San Diego, Calif. / Our Lady of Peace) also had another nice game with nine points and four assists to put her over 200 on her career. The senior now needs just two more assists to become the all-time program leader.

Head Coach Bridgette Reyes and the Beavers will finish up their recent homestand on Wednesday, Jan. 23, when they rematch the University of St. Katherine.

Caltech Men Set Record Turnover Mark Against Sagehens



-gocaltech.com

GOCALTECH.COM
Actual Sports Content Editor

PASADENA (Jan. 19, 2019) – The Caltech men's basketball team took care of the ball at an unprecedented rate during Saturday's Alumni Day game against first-place Pomona-Pitzer Colleges.

The Beavers committed just four turnovers to set a new program record for fewest turnovers in a game, a feat last set back in 2010-11 against Occidental College. The home team's pragmatic offensive approach aided itself in the first half where they shot 45-percent from the field and entered the second half trailing its opponent by just eight points.

The deep and experienced Sagehens started fast in the second half, but the game's pacing down the stretch allowed the Beavers to score their most points since last weekend's game at Whittier College. Additionally, four Caltech players finished the game in double-figures. Sophomore guard Marcus Gee (Santa Monica, Calif. / Santa Monica) led the way with 19 points and a team-

best three steals, while freshman Noah Barnes (Springfield, Va. / Jefferson) contributed 16 points and a team-best six assists. Junior Alec Andrews (Folsom, Calif. / Folsom) and sophomore Spencer Schneider (Houston, Texas / Clearbrook) each had 11 points and sophomore guard Gokul Srinivasaragavan (San Ramon, Calif. / Dougherty Valley) threatened for double-figures with eight points off the bench. Caltech's ability to maximize contributions from all nine of its players continues to build optimism within the team heading into the second half of its SCIAC schedule.

"Our team is all about each other," Head Coach Dr. Oliver Eslinger said. "We are all learning every day and every game we can take something and build on it. To take care of the ball like we did and generate great shots is impressive. We will get back to work on both ends be ready for the second half of conference play."

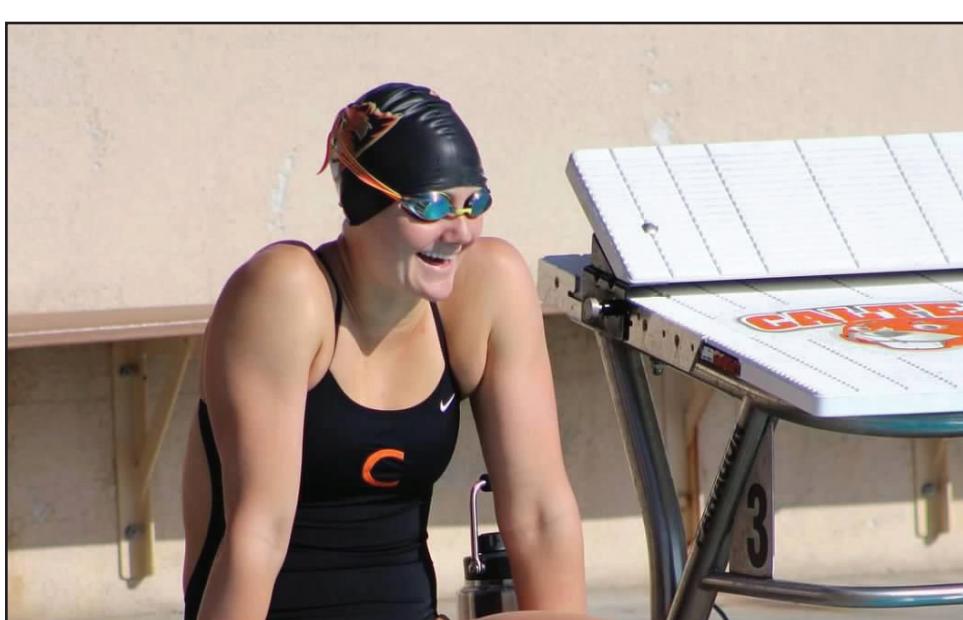
Eslinger and the Beavers will have a chance to get back in the win column next weekend when they travel to Oxy for a 4 p.m. game.

Percin Named SCIAC Athlete of the Week

GOCALTECH.COM
Actual Sports Content Editor

LAGUNA NIGUEL, Calif. (Jan. 12, 2019) – Senior swimmer Brittany Percin (Lake Tahoe, Calif. / Stanford Online) brought home her second SCIAC Athlete of the Week honor thanks to her strong swims at the University of Redlands on Saturday. Percin last received the honor in her freshman year.

Percin, who is Caltech's first-ever female SCIAC champion swimmer, won every event she participated in against the Bulldogs and Chapman University. The senior came away victorious in the 50 Free (25.55) and 100 Free (54.43) while also anchoring the winning 400



-gocaltech.com

Medley Relay team with a 53.67 freestyle split. The former NCAA qualifier is the owner of six individual program records, a party to all five relay records and has continued to thrive under new Head Coach Andy Brabson in her final season with the team.

The Beavers will return to Braun Pool this Saturday, Jan. 19 when they will host Whittier College and Mills College.

ANNOUNCEMENTS

THE CALIFORNIA TECH

2019 KEVIN P. AUSTIN MEMORIAL LECTURE

DR. KAY REDFIELD JAMISON



AN UNQUIET MIND:
UNDERSTANDING DEPRESSION, BIPOLAR ILLNESS AND SUICIDE

TUESDAY, JANUARY 15 @ 7PM
BECKMAN AUDITORIUM

wellness.caltech.edu



Mindfulness-based cognitive therapy

To help reduce relapse of depression and anxiety

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1st meeting is Thursday, January 17th, 2019

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4PM - 5PM AVERY LIBRARY

FRIDAY, FEBRUARY 15TH,
4PM - 5PM AVERY LIBRARY

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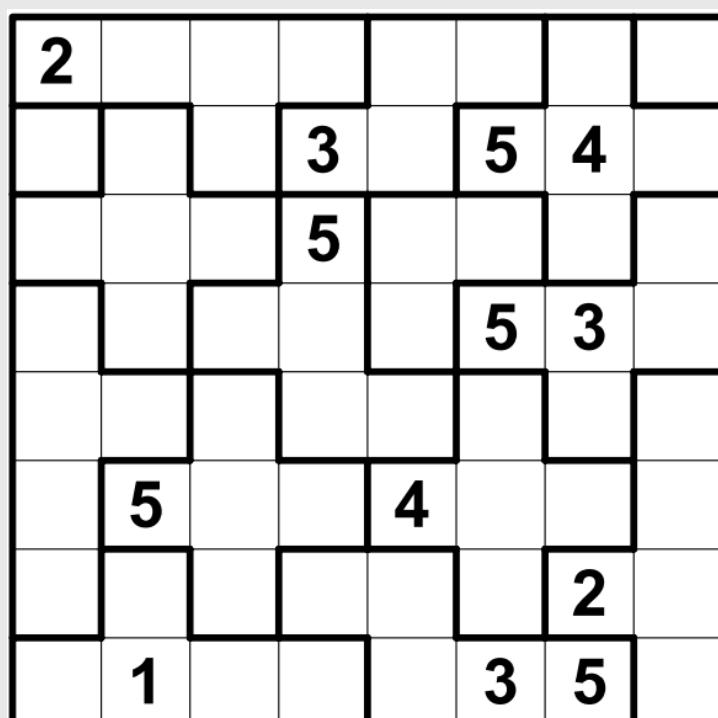
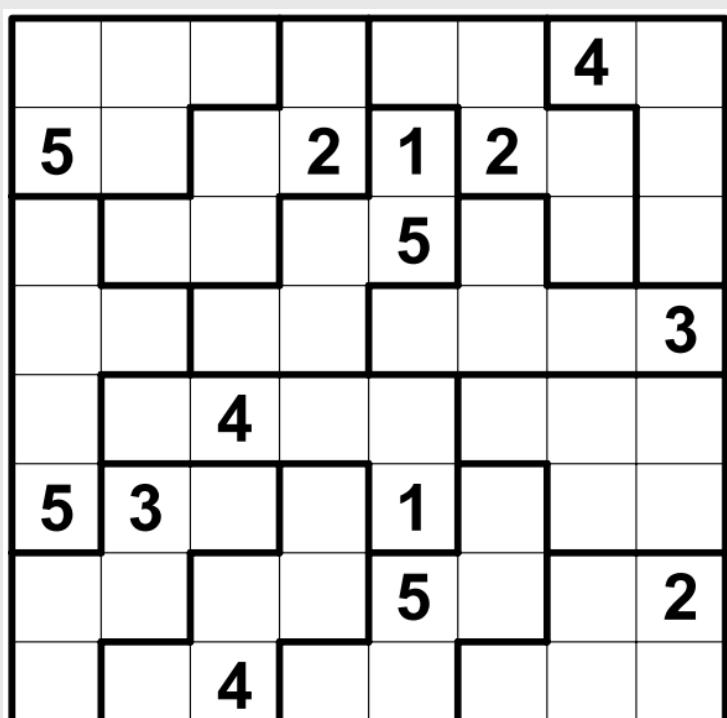
are you good at computer?
join the tech!

oh god how did i get here i am not good at computer

Suguru

Suguru puzzles are quite different than Sudoku, so you'll want to read these rules carefully:

1. You'll see that the grid is subdivided into containers or cages, each of which is 1 to 5 cells in size.
2. You need to fill each container with unique digits, counting up from 1.
3. So for example a 2-square container contains the numbers 1 and 2.
4. A 5-square container contains the numbers from 1 to 5.
5. Adjacent (touching) cells may never contain the same number, and this includes *diagonally* adjacent cells.
6. That's it!



PUZZLES

THE CALIFORNIA TECH

JANUARY 21, 2019

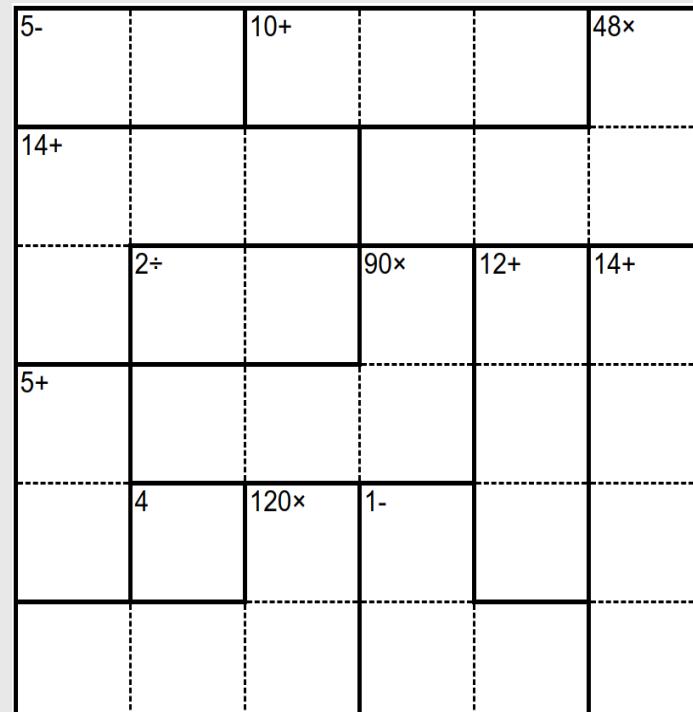
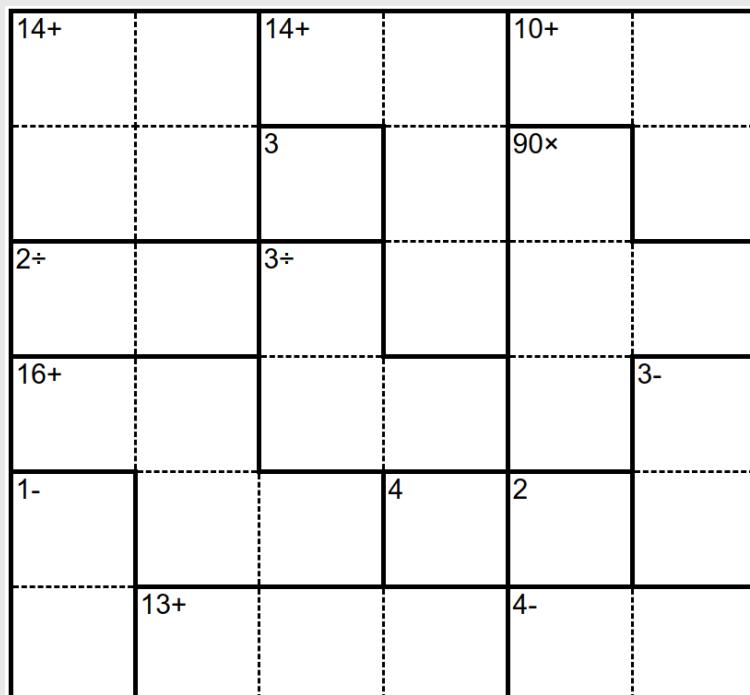
7

Mathdoku (KenKen®)

How to play Mathdoku (KenKen®):

1. Each box contains an integer from one to the number of boxes on a size. (4 for a 4x4 puzzle and 6 for a 6x6 puzzle)
2. Every row and column must contain exactly one of each integer.
3. The integers inside each cage (enclosed by bolded lines) must give the target number when combined with the operation shown.
4. Single box cages have no operation and just give the integer inside the cage.

Puzzles from Caleb Sander. Thanks!



Diagramless Crossword

The diagramless crossword is similar to a standard US style crossword except in this puzzle there are five main differences:

1. You start with an empty 17x17 grid and are required to block out the unused cells yourself.
2. The clue numbers in the upper left corners are not filled in, so you have to figure out which cells are the correct ones and write in the clue numbers in small print.
3. The word lengths are not given, but all are at least three letters long.
4. The completed grid will form a pattern with rotational symmetry.
5. Every white cell forms part of an Across and a Down answer.

I'm back and ready for action!

Hint: 1 Across starts at Row 1, Column 11

Across

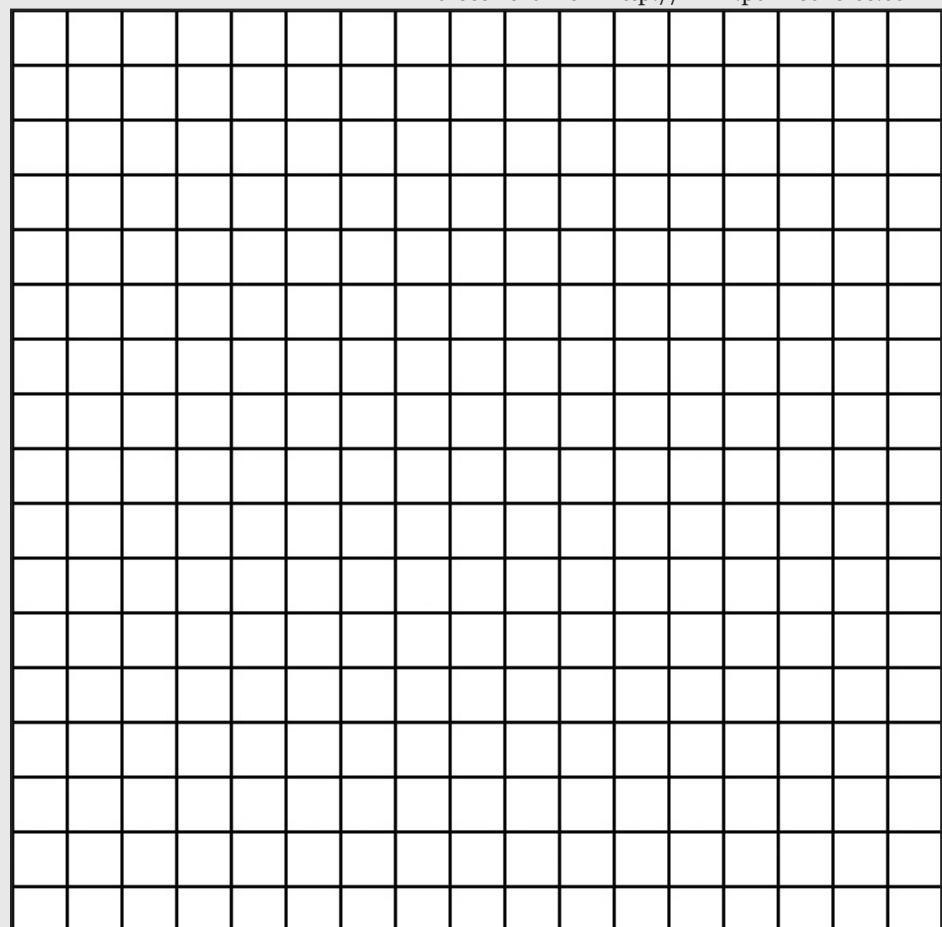
1. Peculiar
4. Type of window
6. Reiterated
9. Cab
10. Water barrier
12. Number
13. Plunder
15. Clergyman
17. Region
18. Enemy
19. Digit
20. Consideration
21. Distort
22. Short sleep
24. Shack
25. Wither from heat exposure
26. Mixture of greens
28. Golf term
29. Cooking surface
31. Panache
32. Average
33. Negation of a word
35. The latest fashion
36. In addition to
37. Evoke
39. Announcement of proposed marriage
41. Gaze
42. Inflexible

44. Used to obtain net weight
45. Feeling or expressing remorse
47. Happen again
48. Entanglement

Down

1. Metal bearing mineral
2. Face of a timepiece
3. Discourage
4. Personal belief
5. Mythical monster
6. Rant
7. Put to use
8. Swindle
9. Communication device
11. Vote into office
12. Surface burn
14. Consume
16. Armistice
18. A great distance
21. Militarist
23. Roof of the mouth
25. Root vegetable
27. Man or boy
28. Cold region
30. Reinforce
32. Seize suddenly
34. Colossus
38. Wheelbarrow
40. Tendon
43. Cut into cubes
46. Bath

crossword from <http://www.puzzlechoice.com>



Manufacturers from China offer a variety of LED TV

Mr. Huang

Dear Sir/Madam,
 Hello, nice to contact you. Guangzhou hongteng electric appliance co., LTD. Is a large high-tech enterprise integrating r&d, production and sales. LED TV, intelligent TV development, production, marketing. Located in huadu district, guangzhou, it is a business district with convenient transportation and developed economy. Our company not only produces TV products of its own brand. We also accept OEM/ODM orders and various project, hotel, KTV orders. We take pride in the high quality of our products. And has obtained the general customer's consistent high praise. So far,

our business has spread to major cities and overseas countries. If you want to know more about our products, please contact me.

Best Regards

Contact : Mr. Huang
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Answers to Puzzles and Crossword:
<http://bit.ly/2U81IVN>

Sophie Piao (b. 1996)
 with the irreversible flow of time this will become more powerful with each reprint. 2018
 Digital.

The California Tech

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We are always accepting submissions for comics, and will pay you.

Letters from the Editors-in-Chief

Amrita Rhoads: scam likely

Sophie Piao:

Milan Roberson: true suffering is cracking open a nos at 1:30 am send tweet

Dan Xu: *plane noises*

This week's recommended Tech usage after reading is: innovative paleo-non-LED TV

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