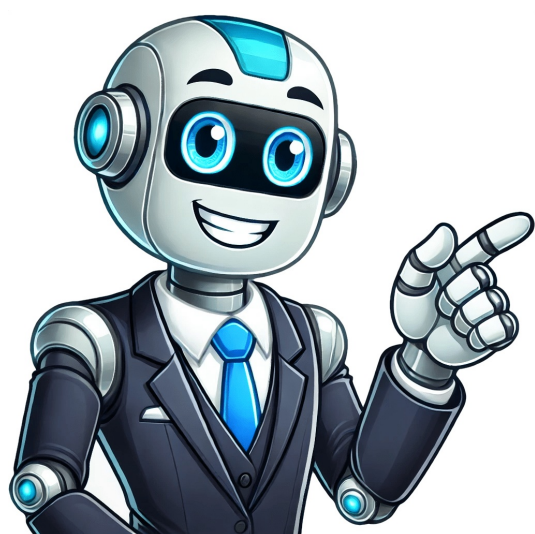


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the "ordinariness and sameness of the ABC network" compared to the prior year.[54] While USA Today's Kelly Lawler criticized it as "terribly fake" and felt that Kimmel's role "felt phased in, or at least maybe monitored by corporate overlords looking to avoid controversy" despite some of his jokes tackling controversial subjects such as the January 6 United States Capitol attack and Tom Cruise's Scientology advocacy.[55] Hale added that "the modern Oscars have become something more to be endured than enjoyed".[54] The American telecast on ABC drew in an average of 18.75 million people over its length, which was a 13% increase from the previous year's ceremony and marked the first time that the Academy Awards experienced consecutive years of viewership increase since the 86th Academy Awards in 2014.[3] The show also earned higher Nielsen ratings compared to the previous ceremony with 9.9% of households watching the ceremony.[56] In addition, it garnered a higher 18–49 demo rating with a 4.03 rating among viewers in that demographic.[57] It was the most-watched prime time entertainment broadcast of 2023 in the United States.[58] In July 2023, the broadcast was nominated for three awards at the 75th Primetime Creative Arts Emmys but failed to win in any of the categories for which it was nominated.[59][60] The annual "In Memoriam" segment was introduced by John Travolta. Singer Lenny Kravitz performed his song "Calling All Angels" during the tribute.[61][62] Olivia Newton-John – singer, actress John Korty – director, producer May Routh – costume designer Louise Fletcher – actress John Zaritsky – cinematographer Albert Brenner – production designer Irene Papas – actress Mitchell Goldman – executive Bob Rafelson – director, writer, producer Albert Saiki – design engineer Ian Whittaker – set decorator Robbie Coltrane – actor Kirstie Alley – actress Ray Liotta – actor Vicky Eguia – publicity executive Angelo Badalamenti – composer Greg Jein – visual effects artist, model maker Neal Jimenez – writer, director Mike Hill – film editor Tom Luddy – producer, film festival co-founder Marina Goldovskaya – director, cinematographer, educator Christopher Tucker – special effects makeup artist Irene Cara – actress, singer, songwriter Gregory Allen Howard – writer, producer Owen Roizman – cinematographer Luster Bayless – costume designer Gray Frederickson – producer Robert Dalva – film editor Nichelle Nichols – actress Edward R. Pressman – producer Douglas McGrath – writer, director, actor Julia Reichert – producer, director Edie Landau – producer, executive Mike Moder – assistant director, producer Jean-Luc Godard – director, writer Ralph Eggleston – animator, production designer Marvin March – set decorator Burt Bacharach – composer Nick Bosustow – producer Clayton Pinney – special effects artist Simone Bar – casting director Donn Cambern – film editor Tom Whitlock – songwriter Annanda Mackey – casting director Angela Lansbury – actress Wolfgang Petersen – director, writer, producer John Dartigue – publicity executive Burny Mattinson – animator Maurizio Silvi – makeup artist Jacques Perrin – actor, producer, director Mary Alice – actress Gina Lollobrigida – actress Carl Bell – animator Douglas Kirkland – photographer Vangelis – composer, musician James Caan – actor, producer Raquel Welch – actress Walter Mirisch – producer, former President of the Academy List of submissions to the 95th Academy Awards for Best International Feature Film ^ Jerome Robbins and Robert Wise first achieved this distinction for co-directing West Side Story (1961). Brothers Joel Coen and Ethan Coen later earned this same feat for their direction of No Country for Old Men (2007).[12] ^ Many consider Merle Oberon, who was nominated for her role in The Dark Angel (1935), to be the first Asian nominee in this category, but she hid her mixed-race heritage due to fears regarding discrimination and the impact it would have on her career.[14] ^ Flam, Charna (March 3, 2023). "Vanessa Hudgens, Ashley Graham, Lilly Singh to Host ABC's Countdown to the Oscars Pre-Show". Variety. Archived from the original on March 6, 2023. Retrieved March 8, 2023. ^ Santilli, Tom (March 13, 2023). "Oscars 2023 Aftermath: A Safe and Focused Show Gets the Awards Show Back on Track". WXYZ-TV. Archived from the original on March 13, 2023. Retrieved April 25, 2023. ^ a b c "With Viewership Up 12% from Last Year, Oscars Win the Ratings Week". Los Angeles Times. March 15, 2023. Archived from the original on March 15, 2023. 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Academy Awards official website The Academy of Motion Picture Arts and Sciences official website The Oscars Channel Archived February 26, 2019, at the Wayback Machine at YouTube (run by the Academy of Motion Picture Arts and Sciences) Other resources The Oscars (2023) at IMDb Retrieved from ^ 3 The following pages link to 95th Academy Awards External tools (link count transclusion count sorted list) - See help page for transcluding these entries Showing 50 items. View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Academy Award for Best Production Design (links | edit) Academy Awards (links | edit) All Quiet on the Western Front (links | edit) Steven Spielberg (links | edit) Academy of Motion Picture Arts and Sciences (links | edit) Going My Way (links | edit) Irving G. Thalberg Memorial Award (links | edit) Jean Hersholt Humanitarian Award (links | edit) Academy Award for Best Dance Direction (links | edit) Academy Award for Best Assistant Director (links | edit) Academy Award for Best Story (links | edit) Academy Award for Best Picture (links | edit) Academy Award for Best International Feature Film (links | edit) Academy Award for Best Makeup and Hairstyling (links | edit) Academy Award for Best Supporting Actress (links | edit) Academy Award for Best Animated Feature (links | edit) Academy Award for Best Animated Short Film (links | edit) Academy Award for Best Live Action Short Film (links | edit) Academy Award for Best Cinematography (links | edit) Academy Award for Best Visual Effects (links | edit) Academy Award for Best Adapted Screenplay (links | edit) Academy Award for Best Costume Design (links | edit) Academy Award for Best Director (links | edit) Academy Award for Best Documentary Feature Film (links | edit) Jamie Lee Curtis (links | edit) Academy Award for Best Film Editing (links | edit) David Byrne (links | edit) Academy Award for Best Original Score (links | edit) Jeff Cohen (actor) (links | edit) Academy Award for Best Sound (links | edit) Network (1976 film) (links | edit) Academy Juvenile Award (links | edit) Michelle Yeoh (links | edit) Cate Blanchett (links | edit) Darren Aronofsky (links | edit) Academy Honorary Award (links | edit) Academy Award for Best Documentary Short Film (links | edit) Academy Award for Technical Achievement (links | edit) Sacheen Littlefeather (links | edit) Golden Raspberry Awards (links | edit) Robert Blake (actor) (links | edit) Frances McDormand (links | edit) Bond girl (links | edit) Jerry Bruckheimer (links | edit) Special Achievement Academy Award (links | edit) Jimmy Kimmel (links | edit) Brendan Fraser (links | edit) Cinema of India (links | edit) Judi Hirsch (links | edit) List of Academy Awards ceremonies (links | edit) View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Retrieved from ^ WhatLinksHere/95th Academy Awards" In a perfectly inelastic collision, objects stick together, and kinetic energy is not conserved.Momentum is always conserved in perfectly inelastic collisions, even if kinetic energy is lost.The ballistic pendulum is an example of a perfectly inelastic collision used to measure kinetic energy loss. A perfectly inelastic collision—also known as a completely inelastic collision—is one in which the maximum amount of kinetic energy has been lost during a collision, making it the most extreme case of an inelastic collision. Though kinetic energy is not conserved in these collisions, momentum is conserved, and you can use the equations of momentum to understand the behavior of the components in this system. In most cases, you can tell a perfectly inelastic collision because of the objects in the collision "stick" together, similar to a tackle in American football. The result of this sort of collision is fewer objects to deal with after the collision than you had before it, as demonstrated in the following equation for a perfectly inelastic collision between two objects. (Although in football, hopefully, the two objects come apart after a few seconds.) The Equation for a perfectly inelastic collision: m1 v11 + m2 v21 = (m1 + m2) vf You can prove that when two objects stick together, there will be a loss of kinetic energy. Assume that the first mass, m1, is moving at velocity vi and the second mass, m2, is moving at a velocity of zero. This may seem like a really contrived example, but keep in mind that you could set up your coordinate system so that it moves, with the origin fixed at m2, so that the motion is measured relative to that position. Any situation of two objects moving at a constant speed could be described in this way. If they were accelerating, of course, things would get much more complicated, but this simplified example is a good starting point. m1vi = (m1 + m2)v[f m1 / (m1 + m2)] * vi = vf You can then use these equations to look at the kinetic energy at the beginning and end of the situation. Ki = 0.5m1Vi2Kf = 0.5(m1 + m2)Vf2 Substitute the earlier equation for Vf, to get: Kf = 0.5(m1 + m2)[m1 / (m1 + m2)]2v12Kf = 0.5 [m12 / (m1 + m2)]V12 Set the kinetic energy up as a ratio, and the 0.5 and V12 cancel out, as well as one of the m1 values, leaving you with: Kf / Ki = m1 / (m1 + m2) Some basic mathematical analysis will allow you to look at the expression m1 / (m1 + m2) and see that for any objects with mass, the denominator will be larger than the numerator. Any objects that collide in this way will reduce the total kinetic energy (and total velocity) by this ratio. You have now proved that a collision of any two objects results in a loss of total kinetic energy. Another common example of a perfectly inelastic collision is known as the "ballistic pendulum," where you suspend an object such as a wooden block from a rope to be a target. If you then shoot a bullet (or arrow or other projectile) into the target, so that it embeds itself into the object, the result is that the object swings up, performing the motion of a pendulum. In this case, if the target is assumed to be the second object in the equation, then v21 = 0 represents the fact that the target is initially stationary. m1v11 + m2v21 = (m1 + m2)vfm1v11 = (m1 + m2)vf Since you know that the pendulum reaches a maximum height when all of its kinetic energy turns into potential energy, you can use that height to determine that kinetic energy, use the kinetic energy to determine vf, and then use that to determine v11 - or the speed of the projectile right before impact.