

The Scar

Quantum scar quantum scarring is a phenomenon where the eigenstates of a classically chaotic quantum system have enhanced probability density around the paths of In quantum mechanics, quantum scarring is a phenomenon where the eigenstates of a classically chaotic quantum system have enhanced probability density around the paths of unstable classical periodic orbits. The instability of the periodic orbit is a decisive point that differentiates quantum scars from the more trivial observation that the probability density is enhanced in the neighborhood of stable periodic orbits. As such, scarring is both a visual example of quantum-classical correspondence, and simultaneously an example of a (local) quantum suppression of chaos. The latter can be understood as a purely classical phenomenon, a manifestation of the Bohr correspondence principle, whereas in the former, quantum interference is essential 15be613916

== History == 15be613916

FN SCAR Both types are available in Close Quarters Combat (CQC), Standard (STD), and Long Barrel (LB) variants. This family of rifles consists of two main types. 56×45mm NATO and the SCAR-H, for "heavy", is chambered in 7. 62×51mm NATO. The FN SCAR (SOF (Special Operations Forces) Combat Assault Rifle) is a family of gas-operated short-stroke gas piston automatic rifles developed by Belgian The FN SCAR (SOF (Special Operations Forces) Combat Assault Rifle) is a family of gas-operated short-stroke gas piston automatic rifles developed by Belgian manufacturer FN Herstal (FN) in 2004. The SCAR-L, for "light", is chambered in 5. It is constructed with modularity for the United States Special Operations Command (SOCOM) to satisfy the requirements of the SCAR competition 15be613916

Scar Ridge, a summit in the White Mountains of New Hampshire, US 15be613916 In early 2004, United States Special Operations Command (USSOCOM) issued a solicitation for a family of Special Operations Forces Combat Assault Rifles, the so-called SCAR, designed around two different calibers but featuring high commonality of parts and identical ergonomics. The SCAR system completed low rate initial production testing in June 2007. After some delays, the first rifles began to be issued to operational units in April 2009, and a battalion of the U.S. 75th Ranger Regiment was the first large unit deployed into combat with 600 of the rifles in 2009. 15be613916 Scar, Orkney, a village on the island of Sanday, Orkney, Scotland, site of the Scar boat burial 15be613916 At the lower, southern, summit there is a shelter, locally known as "The Mushroom". It was built in 1912 as a memorial to King George V, and restored in 1969 and again in 2003. The structure includes a toposcope indicating the Central Fells and other landmarks. 15be613916 == Places ==

Scar tissue is composed of the same protein (collagen) as the tissue that it replaces, but the fiber composition of the protein is different; instead of a random basketweave formation of the collagen fibers found in normal tissue, in fibrosis the collagen cross-links and forms a pronounced alignment in a single direction. This collagen scar tissue alignment is usually of inferior functional quality to the normal collagen randomised alignment. For example, scars in the skin are less resistant to ultraviolet radiation, and sweat glands and hair follicles do not grow back within scar tissues. A myocardial infarction, commonly known as a heart attack, causes scar formation in...

Scar Symmetry The band has released seven albums, with seven released singles. They are signed to Nuclear Blast Records. Scar Symmetry is a Swedish melodic death metal band from Avesta, formed in 2004. The band has released seven albums, with seven released singles. Scar Symmetry is a Swedish melodic death metal band from Avesta, formed in 2004

There is a car park in an old limestone quarry not far from the summit of Scout Scar. The Lake District National Park Authority includes a walk on Scout Scar in its "Miles... A classically chaotic system is also ergodic, and therefore (almost) all of its trajectories eventually explore evenly the entire accessible phase space. Thus, it would be natural to expect that the eigenstates of the quantum counterpart would fill the quantum phase space in the uniform manner up to random fluctuations in the semiclassical limit. However, scars are a significant correction to this assumption. Scars can therefore be considered as an...

Hypertrophic scar Like keloids, they form most often at the sites of pimples, body piercings, cuts and burns. They often contain nerves and blood vessels. Hypertrophic scars generally develop after thermal or traumatic injury that involves the deep layers of the dermis and express high levels of TGF- β . Hypertrophic scar is a cutaneous condition characterized by deposits of excessive amounts of collagen that create a raised scar, but not to the degree observed with keloids. A hypertrophic scar is a cutaneous condition characterized by deposits of excessive amounts of collagen that create a raised scar, but not to the degree observed with keloids

When a normal wound heals, the body produces new collagen fibers at a rate that balances the breakdown of old collagen. Hypertrophic scars are thick, red to brown in coloration, and may be itchy or painful. They do not extend beyond the boundary of the original wound but may continue to rise or thicken for up to six months. Hypertrophic scars usually heal and fade over one to two years. Hypertrophic scars may cause distress due to their appearance or the intensity of itchiness. They can also restrict movement if located close to a joint.

History

Scar (The Lion King) Originally first in line to the throne, Scar is abruptly replaced by

Mufasa's newborn son, Simba. Scar is a fictional character and the main antagonist of Disney's The Lion King franchise. After killing Mufasa, Scar manipulates Simba into believing he is to blame, prompting Simba to flee into exile. Enraged, he devises a plot to usurp the throne by leading an army of hyenas and betraying both Mufasa and Simba. He is introduced in the 1994 animated film as the younger, envious Scar is a fictional character and the main antagonist of Disney's The Lion King franchise. He is introduced in the 1994 animated film as the younger, envious brother of Mufasa, the ruler of the Pride Lands 15be613916

== Accessible route == 15be613916

Scar (disambiguation) Scar(s) may also refer to: Scar, Orkney, a village A scar is a mark left behind after a wound has healed. A scar is a mark left behind after a wound has healed. Look up scar in Wiktionary, the free dictionary 15be613916

Some people, such those with Ehlers-Danlos syndrome, may have an inherited tendency... 15be613916

Scar Scars result from the biological process of wound A scar (or scar tissue) is an area of fibrous tissue that replaces normal skin following an injury. An exception is animals with complete regeneration, which regrow tissue without scar formation. With the exception of very minor lesions, every wound (for example, after an accident, disease, or surgery) results in some degree of scarring. Thus, scarring is a natural part of the healing process. Scars result from the biological process of wound repair in the skin, as well as in other organs and tissues of the body. A scar (or scar tissue) is an area of fibrous tissue that replaces normal skin following an injury 15be613916

Scout Scar and Cunswick Scar are both formed of Carboniferous Limestone and dip gently towards the east with a steep western scarp slope. 15be613916

Leaf scar A leaf scar is typically A leaf scar is the mark left by a leaf after it falls off the twig. A leaf scar is typically found below a branch, as branches come from axillary buds located above leaf scars. It marks the site where the petiole attached to the stem. It marks the site where the petiole attached to the stem. A leaf scar is the mark left by a leaf after it falls off the twig 15be613916

Scout Scar Scout Scar, also called Underbarrow Scar, is a hill in the English Lake District, west of Kendal, Cumbria and above the village of Underbarrow. It reaches Scout Scar, also called Underbarrow Scar, is a hill in the English Lake District, west of Kendal, Cumbria and above the village of Underbarrow. It reaches 771 feet (235 m). Wainwright's anticlockwise recommended route also includes Cunswick Scar at 679 feet (207 m). The higher summit of Scout Scar has a topographic prominence of 109m and is thus classified as a HuMP, a hill with a prominence of at least 100m. Scout Scar is the subject of a chapter of Wainwright's book The Outlying Fells of

Lakeland, but the summit he describes is a lower summit at 764 feet (233 m), 270m south of the highest point

Mechanical tension on a wound has been identified as a leading cause of hypertrophic scar formation. Cause Created by screenwriters Irene Mecchi, Jonathan Roberts, and Linda Woolverton, and animated by Andreas Deja, Scar is loosely based on King Claudius, the main antagonist in William Shakespeare's Hamlet. His villainy was further inspired by German dictator Adolf Hitler, as well as by lions' natural behavior of pride takeovers. As the character's supervising animator, Deja modeled Scar's appearance on the original voice actor Jeremy Irons, drawing particularly from Irons's performance as Claus von Bülow in Reversal of Fortune. Chiwetel Ejiofor voices the photorealistic version of Scar in the 2019 remake, while Kelvin Harrison Jr. portrays the character in Mufasa: The... Foreign tourists visiting Germany in the late 19th century were shocked to see the students, generally with their Studentcorps (Student Corps), at major German universities such as Heidelberg, Bonn, or Jena with facial scars – some older, some more recent, and some still wrapped in bandages. Leaf scars are formed naturally, often at the end of the growing season for deciduous plants when a layer of cells called the abscissa layer forms between the petiole and stem. The abscission layer acts as a point of cleavage and the leaf breaks off leaving a cleanly shaped wound that is quickly healed over with protective cork. Stipules may also leave their own scars if they are present. The U.S. Special Operations...

Dueling scar The practice of dueling and the associated scars was also present to some extent in the German military. Known variously as "Mensur scars", "the bragging scar", "smite", "Schmitte", or "Renommierschmiss", dueling scars were popular amongst upper class Germans and Austrians involved in academic fencing at the start of the 20th century. Known variously as "Mensur scars", "the bragging scar", "smite", "Schmitte", or "Renommierschmiss", dueling scars (German: Schmiss) have been seen as a "badge of honour" since as early as 1825. Being a practice amongst university students, it was seen as a mark of their class and honour, due to the status of dueling societies at German and Austrian universities at the time. Dueling scars (German: Schmiss) have been seen as a "badge of honour" since as early as 1825

Scar(s) may also refer to: The sport of academic fencing at the time was very different from modern fencing using specially developed swords. The so-called Mensurschläger (or simply Schläger, 'hitter') existed in two versions. The most common weapon was the Korbschläger with a basket-type guard. In some universities... Formation

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