

dukas 184807918 fer



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Rose petals 1

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See Ferrari text

Picture MUST credit: Yafei Zhamg/The Hebrew University of Jerusalem

The reason rose petals curl and give the bloom its beautiful looks has been uncovered by scientists.

They say its all down the petals geometry and could have applications in the real world.

A team at Israel's Hebrew University of Jerusalem discovered that as the petal grows, stress builds at the edges, shaping the curves recognised around the world.

The discovery uncovered the geometric origin of the shape of rose petals.

It also helps understand how complex forms emerge in nature and how to harness the same principles to design advanced materials that shape themselves with similar elegance and precision. The study reveals that the signature cusp-like edges of rose petals are the result of a unique kind of geometric principle not previously recognised by scientists.

OPS:A rose blooming.

Picture supplied by Ferrari (FOTO: DUKAS/FERRARI PRESS)

Special instructions

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Source

FERRARI PRESS
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Yafei Zhamg/The Hebrew University of Jerusalem
Original references