Ancient bronze disks, decorations and calendars

Original

Availability:
This version is available at: 11583/2495942 since:

Publisher:

Published
DOI:

Terms of use:
openAccess
This article is made available under terms and conditions as specified in the corresponding bibliographic description in the repository

Publisher copyright

(Article begins on next page)
CALENDAR PUZZLES DECRYPTED IN ANCIENT STATUE: PHOTOS

By Rossella Lorenzi

Approximately 10.28 inches across, the sun disk is made of two bronze plates decorated with concentric circles and spirals. The plates are soldered together using an outer ring: one side is gold plated, representing the sun during the day.

The decorations on both sides of the disk include circular grooves, spirals and circles ordered in various rings. They could simply be some beautiful ornamentation. But they could well contain a geometrical puzzle.

Amelia Carolina Sparavigna, assistant professor at the department of physics at Turin’s Polytechnic University, told Discovery News.

She detailed her research in a paper published on the arXiv physics website.

Kim Peck