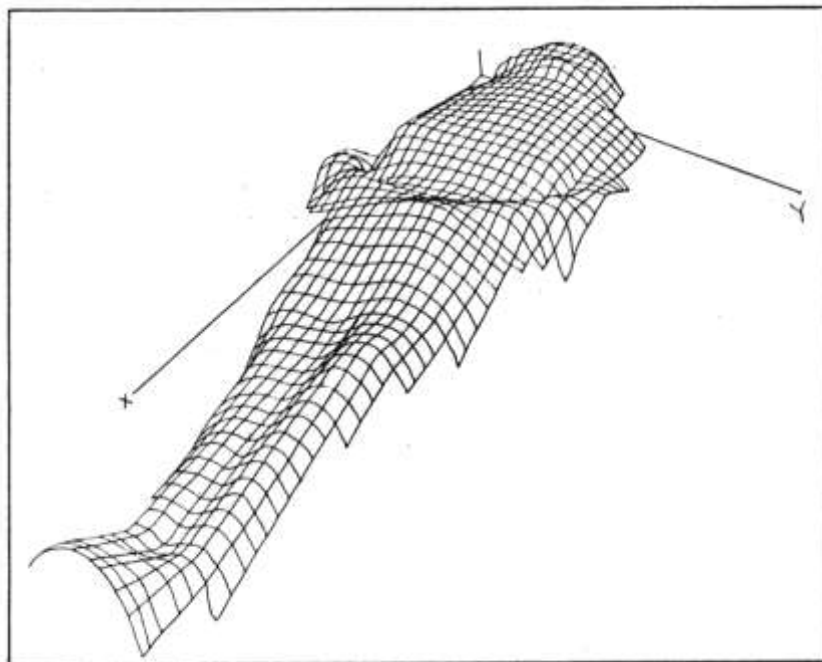


## SOME RECENT PUBLICATIONS

John P. Jackson, Eric. J. Jumper & William R. Ercoline "Correlation of image intensity on the Turin Shroud with the 3-D structure of a human body shape" *Applied Optics*, vol. 23, July 15 1984, pp.2244 - 2270

By far the most authoritative work yet on the different theories of the formation of the Shroud image, this study also offers valuable corroboration of the idea that the Shroud image is consistent with the drape that would be expected from a cloth covering a human body. In the words of the abstract:

"the frontal image on the Shroud of Turin is shown to be consistent with a naturally draping cloth in the sense that image shading can be derived from a single global mapping function of distance between these two surfaces."



Reconstruction of cloth drape as derived from VP8 of Shroud frontal image (from Jackson, Jumper & Ercoline, "Correlation of image intensity ..." fig. 9)

The article is profusely illustrated. Reprints are available from:

Shroud of Turin Research Project, Inc.  
P.O. Box 7  
Amston CT 16231

Arden R. Brame Jr. II, "The dating of the Shroud of Turin: Two Rare, Previously Unrecognised Lituus Dilepta Issued AD. 24-25 by Valerius Gratus and AD. 29-30 by Pontius Pilatus", *The Augustan*, vol. XXII, No. 2, Issue 94, 1984.

This paper is a particularly impressive presentation of the evidence for Fr. Francis Filas's famous "coins over the eyes" hypothesis, coming as it does from an extremely knowledgeable numismatist. Brame supports the Filas' view that the apparent coin image over the man of the Shroud's right eye is a Pontius Pilate lituus dilepton. In addition he asserts that faint markings over the left eye derive from a Pontius Pilate lepton of the 3 barley ears Julia simpulum type. If sustainable such a view would date the Shroud to shortly after AD. 30 - but it would be a mistake to conclude that the radiocarbon dating method is no longer necessary!



Pilate lituus dilepton    Pilate barley ears dilepton