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The Mathematics of Computerized Tomography # 4HVZ6T5ZOJ9F
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Tomography is a widely used method to reconstruct cross-sections of the interior structure of an object without having to cut or damage the object. In this context one usually speaks of computerized (computed, computer assisted) tomography, since for actually performing the reconstructions in practice one needs to use a digital computer.

Tomography - Encyclopedia of Mathematics
The basic mathematics behind tomography was worked out by the mathematician Johann Radon in 1917. Much later, in the 1960s Allan McLeod Cormack, working in collaboration with Godfrey Newbold Hounsfield, developed the first practical scanning device, the celebrated EMI scanner. For this work, Cormack won the

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An Introduction to the Mathematics of Tomography
By F. Natterer: pp. 222. £27.50. (John Wiley & Sons Ltd, 1986)

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