

THE XXI INTERNATIONAL MATHEMATICAL OLYMPIAD
LONDON 1979

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EXHIBITION OF MATHEMATICAL MANUSCRIPTS AND PRINTED BOOKS

SATURDAY, JULY 7TH, 1979.

ARABIC MATHEMATICS

1. The Algebra of al- Khwarizmi
[solution of two quadratic equations, dated 1342]
2. The Conica of Apollonius of Perga in 9 Arabic translation
3. The Latin version of Apollonius (exhibit 2)
4. A German translation of Apollonius (exhibit 2)
5. Abraham Ibn Ezra - Arabic version of a Hebrew arithmetic
[table for multiplication of fractions]
6. A German translation of exhibit 5 by Silberberg
7. A work on Alchemy by Al Gebr
[? the father of algebra]

MANUSCRIPT MATHEMATICAL TEXTS

8. A collection of astronomical treatises in Sir Henry Savile's hand
[circa 1600 AD]
9. First four books of Apollonius' Conica
[circa 1700 AD]
10. Geometry and trigonometry manuscript text as used at Edinburgh Academy
in 1686
[David Gregory, mathematics teacher]

NEWTONIANA

11. Philosophiae Naturalis Principia Mathematica - I.S. Newton
1st edition, London, 1687
12. Motte : English translation of exhibit 11
[dated 1729]
13. Newton Bicentennial commemoration volume - 1927
14. Addendum to Opticks with theorems relating to curves - 1704
15. John Radcliffe's Journal - 1699 et seq