

```
begin real a2, b2, c2;
  a2 := xa - xd; b2 := ya - yd;
  c2 := a2 × (xa + xd) + b2 × (ya + yd);
```

```
distancetocentre := (l × (b2 × c1 + l × c2) + m ×
  (m × c2 - a2 × c1))/(m × b2 + l × a2)
end;
```

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Advanced Study Institute on Man-computer Interaction

A NATO Advanced Study Institute on man-computer interaction (MCI) will be held at Mati near Athens, Greece from 5 to 18 September 1976.

The Institute will review current knowledge and recent research on human aspects of man-computer interaction. Topics will include hardware and software design, programming, interaction with different classes of user, training and modelling; the emphasis throughout will be upon the ergonomics/human factors problems and solutions.

Papers on the main topics will be presented by invited lecturers, and these will be followed up by seminars and discussions at which participants will be expected to contribute.

The Advanced Study Institute's programme sponsored by NATO aims to further international collaboration between scientists through in-depth study of important areas of research.

Priority will be given to applicants who were accepted for the 1975 ASI on MCI which had to be postponed, but there will be a number of places for new applicants.

Numbers are therefore restricted, so it is important to apply as early as possible. Financial assistance may be available to suitably qualified participants (usually doctoral and post-doctoral students). For application form write to:

Professor B. Shackel—Director ASI on MCI,
Department of Human Sciences,
University of Technology,
Loughborough, UK.

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Dates and Location: September 12-24, 1976, St. Raphaël on the French Riviera.

Sponsors: NATO Scientific Affairs Division European Research Office.

Programme: Principles of Computing Systems; Fundamentals of Computer Architecture; Problem and/or Language Orientated Machines; Hardware components (including microprocessors); Associative Processing Techniques; Specification and Evaluation of Computer Structures; Computer Networks and Communications; PDP 11 Systems Design; MU5 Computer Architecture.

List of Lecturers: G. Amdahl, Amdahl Corporation, USA; D. Barber, NPL, UK; G. Bell, DEC, USA; K. Bowden, University of Essex, UK; B. Canet, Université de Rennes, France; G. Debruyne, INTEL, France; F. G. Heath, Heriot-Watt University, UK; F. H. Sumner, University of Manchester, UK; W. T. Wilner, Burroughs Corporation, USA.

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Further information: from
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