

ADAS Subroutine qpoly

```
subroutine qpoly( x1, y1, x2, y2, x3, y3, x, y)
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c
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```
c *****FORTRAN77 SUBROUTINE:QPOLY *****
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c VERSION 1.0
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```
c PURPOSE :QUADRATIC INTERPOLATION OF X1,Y1,X2,Y2,X3,Y3 -> Y FOR GIVEN X
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c INPUT :
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```
c (R*8) X1 =
```

```
c (R*8) Y1 =
```

```
c (R*8) X2 =
```

```
c (R*8) Y2 =
```

```
c (R*8) X3 =
```

```
c (R*8) Y3 =
```

```
c
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```
c ROUTINES:
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c
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```
c AUTHOR: K.H. BEHRINGER (IPF, UNIVERSITY OF STUTTGART)
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c DATE 02/04/98
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```
c VERSION: 1.1 DATE: 18-06-98
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c MODIFIED: STUART LOCH
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```
c - CONVERTED TO FORTRAN FOR ADAS.
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c-----
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```
REAL*8          X,          X1,          X2,          X3
```

```
REAL*8          Y,          Y1,          Y2,          Y3
```