
Subject: Re: solve cubic polynomial for dummies?
Posted by [mga1](#) on Thu, 24 Apr 2014 20:30:06 GMT
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Fantastic thanks. Final code used posted below. Ended up using cuberoot but fz_roots worked also:

```
pro cubesolve,coeff,y

coeff = [1.00000, -2.02300, 2.87770, -1.94410]

Y = [0, 0.95]

N_values=n_elements(y)

  for i=0, N_values-1 do begin

    val=y[i]
    ; c = coeff
    ; c[0] = coeff[0]-val
    ; roots = fz_roots(c,/double)
    ; print,roots

    x = CUBEROOT([1.00000-val, -2.02300, 2.87770, -1.94410])

    print, x

  endfor

end
```
