district de aux

i) 
$$(a_1, b_3] = [0, 2]$$
  $e = 0, 3$ 
 $f : [0, 2] \to [2, f(*e)] = x^6 - 14x^3 + 60x^2 - 70x$ 
 $x = 0, 618$ 
 $|x| = a_0 + (1-x)(b_0 - a) = 0 + 0,382 \cdot 2 = 0,7640$ 
 $|x| = a_0 + x(b_0 - a) = 0 + 0,618 \cdot 2 = 1,236$ 
 $|x| = 4(0,764) = (0,764)^4 - 14\cdot(0,764)^3 + 60\cdot(0,764)^2 + 10\cdot0,764 \cdot 2,236$ 
 $|x| = 4(b_1) = 4(1,236) = (b_12x)^4 - 14\cdot(b_12x)^3 + 60\cdot(b_12x)^2 + 10\cdot b_1236 = -18,35$ 
 $|x| = a_1 + b_1 = [a_0, b_1] = [0, 1, 236]$ 
 $|x| = a_1 + (1-x)(b_1 - a_1) = 0 + 0,382 \cdot 1,236 = 0,432$ 
 $|x| = 4(1-x)(b_1 - a_1) = 0 + 0,382 \cdot 1,236 = 0,432$ 
 $|x| = 4(1-x)(b_1 - a_1) = 0 + 0,382 \cdot 1,236 = 0,432$ 
 $|x| = a_1 + (b_1 - a_1) = (b_$ 

$$f(\lambda_{4}) = f(0,6525) = -23,13$$

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$$f(\lambda_{4}) = f(0,764) = -24,25$$

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=) 
$$f(\lambda_2) ? f(M_2) = [\alpha_3, b_3] = [\lambda_2, b_2] = [0,5,1,25]$$
  
=/  $\lambda_3 = M_2 = 0,7.5$   
 $M_3 = \alpha_3 + \frac{72}{5} (h_3 - a_3) = \frac{1}{2} + \frac{2}{3} (\frac{5}{4} - \frac{2}{4}) = \frac{1}{2} + \frac{2}{3} \frac{8}{4} = 1$   
 $f(\lambda_3) = f(0,75) = -24,3$   
 $f(M_3) = f(1) = 1^4 - 14 \cdot 1^3 + 60 \cdot 1^2 - 70 \cdot 1 = 61 - 84 = -23$   
=)  $f(M_3) > f(\lambda_5) = [\alpha_4, h_4] = [\alpha_3, M_3] = [0,5,4]$   
=)  $\lambda_4 = \alpha_4 + \frac{7}{5} (h_4 - \alpha_4) = \frac{1}{2} + \frac{1}{2} \cdot \frac{1}{2} = \frac{3}{4}$   
 $f(\lambda_4) = f(M_4) = (\alpha_5, b_5) = [\alpha_4, M_4] = [0,5,0,75]$   
 $\lambda_5 = -\frac{3}{2} \text{ Nu mai anom nevale}$   
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=)  $\lambda_5 = -\frac{3}{2} \text{ Nu mai anom nevale}$   
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