U P M
P : A E

D

D a A Ma a ,
T U W O a , L , O N6A 5B7 Ca a a

Abstract. W a a -

1 I

$\mathbb{Z}$ = n $\mathbb{R}$ $0, \ldots, n-1$

$$n(\ ) = \ n \sum_{j=0}^{n-1} j\ ,\qquad (\ )$$

$$(\ )\ n(\ ) \geq (\ j),\qquad (\ )$$

[illegible]

$$\{\lambda^{2}\ ^{2} - \lambda(-\lambda)\ [illegible] \geq \},$$

[illegible] $\lambda =$ [illegible] $=$ $-(-\lambda)^2$ [illegible]

```
>minimize( x^4 - 5*x^2 + 4*x ,x);
 RootOf(2 _Z^3 - 5 _Z - 2,index=3 )^4
    - 5*RootOf(2 _Z^3 - 5 _Z - 2,index=3 )^2
    + 4 RootOf(2 _Z^3 - 5 _Z - 2,index=3 )
```

```
      -(5/2) RootOf(2 _Z^3-5 _Z-2,index=3)^2
      - 3 RootOf(2 _Z^3-5 _Z-2,index=3)
```

RootOf

A L B

Lemma 1.

Proof: □

$$2n \qquad 2n-2 \qquad j=0$$

$$2n = 2n^{2n} \ (2n-2 - n)^{2n-2} \ n^{2n-2} \ldots = {}_{2n}^{(1)} \ {}_{2n}^{(2)}$$

$$({}_{2n}^{(1)}) = -\frac{(\;-\;)^{n-1}(\;n - \;2n-2)^n}{n \;\; {}_{2n}^{n-1}}$$

$$^2 = (\;-\;)(\;n - \;2n-2)\;(\;2n)$$

3 E

$$= {}^{6} \quad {}^{4} - {}^{3} \quad {}^{2} - \qquad (\ )$$

$$- (/ \ ) \quad - (/ \ )^{2}, \qquad (\ )$$

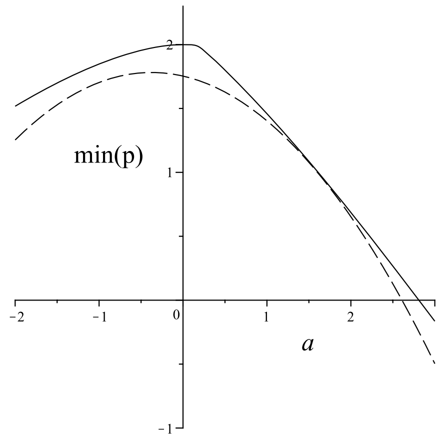

Fig. 1. T a $p(x)$ (10) a (11). T a . A , .

$- (/ \ )^{6/5}$

assume(a,positive)

$_2 = \frac{1}{3}\left(\frac{3}{2}\right)^{1/3} \quad \frac{2}{2}$

$\mathbb{R}$

R

1. Ba , B., G , J., K , D., K , B., Ta , K.: N -