

J WAS 3 IN THE SAMPLE, CORRECTED HERE 3x2 +4x +1 WOLLD

MoD2!
$$(x^{7} + x^{5} + x^{2} + 1)$$
: $(x^{2} + x + 1) = x^{5} + x^{4} + x^{5} + x$
 $(x^{7} + x^{5} +$

$$\frac{2/c}{(x^{4}+3x^{2}+Px^{2}-x+q)} : (x-2) = x^{3}+5x^{2}+(x+10)x + \frac{x^{4}-2x^{3}}{5x^{3}+7x^{2}-x+q}$$

$$\frac{5x^{3}+7x^{2}-x+q}{(p+10)x^{2}-x+q}$$

$$\frac{(p+10)x^{2}-x+q}{(p+10)x^{2}-2(p+10)x}$$

$$\frac{(2p+19)x+q}{(2p+19)x-2(2p+19)}$$

$$\frac{(2p+19)x-2(2p+19)}{4p+q+38}$$

$$\frac{(2p+19)x+q}{4p+q+38}$$

2/b SIMILAR TO 2/A:

REMAINDER:

$$3P-2Q+4J=0$$

2/C: SOLUE SYSTET OF EQUATIONS 2/A +2/D

 $P=-10f/II$
 $Q=87/II$

RMK: PROBL. 4 CAN BE DONE ON PAPER

 $(x^4+px+q):(x^2+mx+1)=x^2-mx+n^2-1$
 $[-(u^2-1)m+m+p].x-n^2+Q+1$

