moc 4 p 71  $f(x) = -ax^3 + 10x^2 - 2x + b$   $2x^2 + 2x - 4$  $ax^3 + 10x^2 - 2x + b = a + 10 - 2 + b$ lim 2x2+2x-4 alleen eindig bij o want bij k is limietwaarde too of-oo  $\Rightarrow$  a+b+8=0  $\frac{ax^{3} + 10x^{2} - 2x + b}{2x^{2} + 2x - 4} = \frac{-8a + 40 + 4 + b}{8 - 4 - 4}$ lin X->-2 = -8a + b + 44  $\Rightarrow$  - 8a + b + 44 = 0Stelsel oplossen:  $\begin{cases}
 a + b = -8 \\
 -8a + b = -44
\end{cases}
= -8 - a$ 7-8a-8-a=-44  $= \int b = -8 - a$ -9a = -36 $(=) \int b = -12$  a = 4Antw a = 4 en b = - 12