(4) Let's consider finding a polynomial PN(x) = £c, e'x = £c, (ex)'.

whele soes though points (x, s,), (x, s), ... and (x, sw). It is clear that if we performs chose of variables The seit and points the polynomial soes through are (inf, y), (lonte, y), (bota, y), ... (not (lonte, yn). We con recognize PN(+) = 3 c; xi ss interpolations polynomial
for given points (Int; 5). It is proven in lecture notes
(interpolation, page 5-) that there is a solution for these c, and that solution is unique