$B_i(n) = {3 \choose i} u^i (1-u)^{3-i}$ 2 (v) = Bo (v) Po + B1 (v) P1 + B2 (v) P2 Bo (U) = (4-U)3 $B_{1}(0) = 3v(1-u)^{2}$ $g(0) = (1-u)^{3} P_{0} + 3v(1-u)^{2} P_{1} + 3v^{2}(1-u)P_{2}$ Bo (v) = 302 (1-v) v= (1-u)P: +UPi+1, S: = (1-u)v; + v · v; +1, to=(1-u)so +us1=-= $(1-u)^2 r_0 + 2u(1-u)r_1 + u^2 r_2 = (1-u)^2 ((1-u)P_0 + UP_1) + 2u(1-u)((1-u)P_1 + UP_2) + =$ + 02 ((1-U)P2 + UP3) = (1-U)3Po + (1-U)2UP1 + 2U(1-U)P1 + 2U2(1-U)P2+== + 02(1-0)P2 + 03P3 = (1-0)3P3 + 30(1-0)2P1 + 302(1-0)P2+03P3 = =g(u)