Zadanie 6 BezierCoeffs(p,t): [wielomian, 2m.t] -> [co,c1-ck] stopnia (n x 50) wektor C_0, C_1, \ldots, C_n J t e $p(t) = \sum_{i=0}^{m} C_i B_i(t)$ obliczamy w(t)=p(t)-q(t) pry czym pETI50, qETI2 $w(t) = \sum_{i=0}^{50} c_i B_i^5(t) \cdot \sum_{j=0}^{5} d_j B_j^2(t)$ policzmy najpierw: $B_{i}^{a} \cdot B_{j}^{b} = (i) t^{i} (1-t)^{a-i} \cdot (j) t^{j} (1-t)^{b-j}$ $= (a) (b) t^{i+j} (1-t)^{(a+b)-(i+j)} = (i) t^{i} (1-t)^{a-i}$ w naszym prypadku:
Bi. Bi = $= \frac{\binom{a}{i}\binom{b}{j}}{\binom{a+b}{i+j}} = k \cdot B_{i+j}$ $= k \cdot B_{i+j}$ $= \frac{\binom{50}{i}\binom{2}{j}}{\binom{52}{i+j}} B_{i+j}^{52}$

