JMÉNO A PRIJMENT: LUKA'S RUNT CISLO ULOHY: 3.3.2 ZADANI: Rosshodnéhe rada proch y EV. Pobud y EV, uriche ij souhadnice proku je o basi prostotu V. Vje generovaln purby: $\mu_1 = x^3 + 2x^2 - x + 5$, $\mu_2 = -2x^3 - x^2 - 1$, $\mu_3 = 3x^2 + 2x + 2$, $\mu_4 = x^3 - x^2 - 7x + 10$; $\mu_5 = 5x^3 + 4x^2 + 3x - 2$ RESENI Pohud y EV λ,· μ, + λ2. μ2 + λ3. μ3 + λ4. μ4 = 14 λ (x3+2x2-x+5)+λ2(-2x3-x2-1)+λ3(3x2+2x+2)+λ4(x3-2-7x+10)= 5x3+4x2+3x-2 λ, x3+2λ,2-λ,x+5λ,-2λ,2-λ,2+3λ,32+2λ,3+2λ,3+λ,4,3-λ,4,2-7λ,4+10λ, =5,3+4,2+3x-2 x3: 1,-2/2 + 24 = 5 x2 : 2/ - /2 + 3/3 - /4 = 4 Sousbann rapisene de matice, matici odstupnujene. $x^4:-\lambda_1+3\lambda_3-7\lambda_4=3$ x° : 5 \(\lambda_1 - \lambda_2 + 2 \lambda_3 + 10 \lambda_4 = -2 7-2015 011-2015 011-1-2 001-1-2 001-1-2 001-2 1 000-7-14-5 700-7-14-5 000062 ⇒[000012] → 0 + 2 mema nesem > y & V