ANL-11 1) Dla retiade linione nierding offo, f1, ..., dn} retnogmy brios werdeing 980,81, ...,8 ng t. ze (8:,80) =0 i +j 90:= 80 4-1 (fx/fi) N 8i 6>0 O-d: (inolalegie pole) Bose: go:= fo /980} - relital ortogonely V $g_{1} = f_{1} - \frac{(f_{1}g_{0})_{N}}{(g_{0}g_{0})_{N}}g_{0}$ $(g_{0}f_{1})_{N} = (g_{1}g_{0})_{N} = (g_{0}f_{1} - \frac{(f_{1}g_{0})_{N}}{(g_{0}g_{0})_{N}}g_{0})_{N} = (g_{0}f_{1})_{N} - (g_{0}f_{1})_{N} - (g_{0}f_{1})_{N} = 0$ $(g_{0}f_{1})_{N} - \frac{(f_{1}g_{0})_{N}}{(g_{0}g_{0})_{N}}(g_{0}g_{0})_{N} = (g_{0}f_{1})_{N} - (g_{0}f_{1})_{N} = 0$ (a,6)N=(6,0)N (a-b, c) N = (a, c) (6, c) 59 otogobre Pohozemy, že gu jest Zoložny že go, 81, 82, 184-1 cogli $\forall i \in k \ (g_i, g_u) = 0$ $(g_i, g_u)_N = (g_i, f_u - \sum_{j=0}^{k-1} (f_u, g_{g_j})_N g_{g_j})_N$ - (8: 18u) N - (8:18) (8:188) N (9:188) N (Follo gr) (gu,gj)=0 dle j#i (jsh-1)=zet. Insluhyjne

Czyli
(g: 19a) = (g:, fu) $N - \frac{(gu, g:)_N}{(g:, g:)_N} (g:, g:)_N = 0$ co neles el s polosa i

ort. wegl. (., .) N (1 ≤ le ≤ N), Bu-h-ty widomin (2) Pu T: YWW, WETTG-1, (W, Pe) N=0 slevro n E II 6-1 to moine zapiset n johe hombinege limoney Po, P1, ..., Pu-1 $W = \alpha_0 P_0 + \alpha_1 P_1 + \dots + \alpha_{n-1} P_{n-1}$ Wtesly (W, Pu) N = (x, Po+..+ au-1 Pu-1) Pu) N= (x > yPo, Pu) N+ (x 1P1, Pu) N+ (x2P2, Pu) + ...+ (x4-1 P4-1, Pu) = $\alpha_0 (P_0, P_u)_N + \alpha_1 (P_1, P_u)_N + \dots + \alpha_n (P_{u-1}, P_u)_N = 0$ z otogonahrości Pu (Pi, Pi) i +j confli pohordismy ze (w, Ph) N=)

ANL-11

(a)
$$\{P_{k}\} (\{f_{k}\}_{N}) = \{f_{k}\} \{f_{k}\}_{N} \} \{f_{k}\}_{N} \} \{f_{k}\}_{N} \} \{f_{k}\}_{N} \{f_{k}\}_{N} \{f_{k}\}_{N} \} \{f_{k}\}_{N} \{f_{k}\}_{N} \{f_{k}\}_{N} \{f_{k}\}_{N} \} \{f_{k}\}_{N} \{f_{k}\}_{N$$