$1 = J_1(x)u(x) + g(x)v(x) (4)$ deg u(x) < deg g,(x) = deg g(x) - deg d(x) deg v(x) < dag f,(x)=deg f(x)-degd(x) - Icus, mo paberembo (+) sababareremno (nocice guinoucerus na d(x) regonispony ucuousay receivory negomabrereno d(x) On Mnovement S(x), ..., Sm (x) EF [x] nambarores HOA (S. (x), , Sm (x)) = 1 3AMEYAHAE Us moreun 7 boimenaem ciergissimen repumerin Camilion apoemomia 2 misolorianos: Musiculium Hx), g(x) banner repoemen (>) u v(x), 1 = f(x)u(x) + g(x)v(x)CBOUCTEA BJAUMHO RPOCTEIX MHOTOUNEHOB Alyems S(x), g(x), h(x) & F[x] 1. Eau f(x)g(x) quince na h(x) u

HOA (f(x), h(x))=1, no g(x) genunca

na h(x). Hyoms HOA, (f(x), g(x)) = 1. Morga h(x) general un f(x)g(x) <=> h(x) general un f(x), in ma g(x). 3. Hyens MOA (F(x), g(x)) = MOA (F(x), h(x))=1. Thorga HOA (F(x), g(x)h(x)) = 1. LIOKASATEABLIBO (1) Uneen no upinepuro banderion njoemonne 1 = S(x) a(x) + h(x) V(x) que neu-joix u(x), v(x) & F[x]. Durwucun de raenu na g(x)g(x)=(5(x)g(x))u(x)+h(x)v(x)g(x) generas na h(x) = one bugno => Bea cynum, The g(x)
generas na h(x)