

Meeting: 1003, Atlanta, Georgia, SS 20A, AMS Special Session on Commutative Algebra, I

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Glushko Petro, Kiev algebraical society, Institut informatics and modelation
(pglushko@ukr.net). *Some multitude group functions*

Let G - group, A - Abelian group,

$$\Phi_n(G, A)$$

is function

$$G \rightarrow A$$

THEOREM 1. If

G - finite, then study $\Phi_n(G, A)$ taking study $\Phi_n(G/O^p(G), A_p)$ for prime p , which divide $|G/G'|$

O^p - p - co-radical group G

A_p - p - component group G

G' - commutant G

(Received October 06, 2005)