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Dessislava Hristova Kochloukova* (desi@ime.unicamp.br), IMECC, UNICAMP, Cx. P. 6065, 13083-970, Campinas, Brazil. *Subgroups of type FP_m of direct product of limit groups*. Preliminary report.

Resume : We generalise some recent results of Bridson, Howie, Miller and Short that treat subgroups S of direct product of limit groups that are finitely presented. We show some necessary conditions for S to be of homological type FP_m that in the case $m = 2$ coincide with the conditions of B-H-M-S (the above authors have proved that for S to be finitely presented is equivalent to be of homological type FP_2). We conjecture that our conditions are sufficient (for a bigger class of groups that limit groups). (Received January 14, 2008)