For a finitely generated pro-$p$ group $G$ let $d(G)$ denote the minimal number of topological generators of $G$. For a positive integer $n$, Iwasawa raised the question of determining all pro-$p$ groups $G$ which satisfy the following condition:

$$d(H) - n = [G : H](d(G) - n)$$

for all open subgroups $H$ of $G$.

In this talk we consider the case $n = 3$. (Received September 15, 2008)