HWS. Problem 7. Artin. 4.10 a) Chapper 10.

Missing now use scient outhogonst

First column

1 + 12 + 12 + 12 + G, 2 = (G) = 1+ K+5+0+0

 $a_{1}^{2}=16$, $a_{1}=x$.

outher column pair with first column. = 0. some equation for az, 9z, ax, as.

HWS. Problem 2.

When dim = 1. Charafter i's a sny house manyhisa.

7: G -> C* = G((1)

6: (2 -2 (2(1) = (* . 3 20) 1-100.

Trp= X, When dim=1

when dim +1. x: G -> C.

(D Im x may not be inside (* X(g) (an be tero.

 $\nabla \chi(e) = \dim \rho + 1 \quad \text{when dim } + 1.$

HWb Problem 1.

$$\begin{array}{c}
(G,G) \subset \bigcap \text{ bar } \chi \\
dim \chi_{-1}
\end{array}$$

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Find enough $\chi = 0$ dim $\chi = 0$.

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