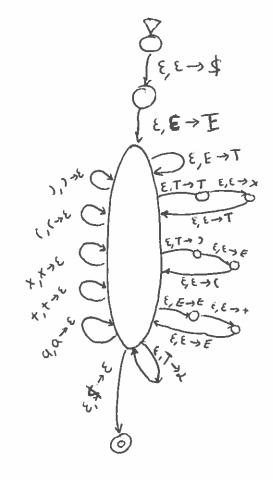
$$\begin{array}{ccc}
E \rightarrow E + E \\
E \rightarrow T \\
T \rightarrow T \times T
\end{array}$$

$$\begin{array}{cccc}
T \rightarrow (E) \\
T \rightarrow \alpha
\end{array}$$



$$3. \ \varphi \rightarrow +$$
 $3. \ \varphi \rightarrow +$ 
 $S \rightarrow E$ 
 $M \rightarrow *$ 
 $S \rightarrow S. \varphi$ 
 $P_L \rightarrow (E \rightarrow Tz)$ 
 $P_R \rightarrow (E \rightarrow Tz)$ 

ESKILL PROPERTY

4. The language is not regular. The reason for that is because if we set E>T and T>(E), we enter an infinite bop of recussive parenthe. ser, described as

(")" , 4>0

which we have proven is not regular.

- 5. I lulive in HW10, md
- 6. Inline in Hulom)