$$R(A,B,C,D,E,G)$$
  
 $F(A\rightarrow BC,B\rightarrow C,C\rightarrow BED,B\rightarrow E,E\rightarrow D,G\rightarrow E)$ 

$$\begin{array}{c}
\text{2} \\
\text{ABQBEG} = R \\
\text{AG} = R \\
\text{CK}
\end{array}$$

$$(BE)^{+} = BCED$$

$$(A,B,C,E,D) \ 2NF$$

$$F_{1}(A\rightarrow B,B\rightarrow C,C\rightarrow BE,E\rightarrow D)$$

$$\begin{array}{c}
\mathbb{B} \\
\mathbb{R}_{\mathbb{N}}(A,\mathbb{B}) \\
\mathbb{R}_{\mathbb{N}}(A \to \mathbb{B})
\end{array}$$

$$R_{11}(A,B)$$

$$2NF, 2NF,$$

$$3NF$$

$$3NF$$

$$R_{12}(B,C,D,E)$$

$$F_{12}(B \rightarrow C,C \rightarrow BE,E \rightarrow P)$$

$$\downarrow$$

$$R_{121}(E,D)$$

$$R_{122}(B \rightarrow C,C \rightarrow BE)$$

$$R_{1221}(E \rightarrow D)$$

$$R_{1221}(B \rightarrow C,C \rightarrow BE)$$

$$R_{1221}(B \rightarrow C,C \rightarrow BE)$$

$$R_{1221}(B \rightarrow C,C \rightarrow BE)$$

 $(A\rightarrow B)U(E\rightarrow P)U(B\rightarrow C,C\rightarrow BE)U(G\rightarrow E)U\varnothing = (A\rightarrow B,B\rightarrow C,C\rightarrow BE,E\rightarrow D,G\rightarrow E)$