

$$\begin{array}{ccccc}
 D_s^1 & \xrightarrow{\quad f_{D,s} \quad} & D_s^2 \\
 \downarrow & & \downarrow \\
 V_D^1 & \xrightarrow{\quad f_{G,V_D} \quad} & V_D^2
 \end{array}
 \quad (1)$$