

$$\begin{array}{ccccccc}
& 0 & & 0 & & 0 & \\
& \downarrow & & \downarrow & & \downarrow & \\
0 \longrightarrow & g^2(P) & \longrightarrow & S^2 T^* \otimes T_v^* & \xrightarrow{\sigma^2(P)} & T^* \otimes F & \xrightarrow{\tau} \twoheadrightarrow K \longrightarrow 0 \\
& \downarrow & & \downarrow \varepsilon & & \uparrow \downarrow \varepsilon & \\
0 \longrightarrow & R^2(P) & \xrightarrow{i} & J^2 T_v^* & \xrightarrow[p^1(P)]{p^0(\nabla)} \twoheadrightarrow & J^1 F & \\
& \downarrow \overline{\pi}_1 & & \uparrow \downarrow \pi_1 & & \downarrow \pi_0 & \\
0 \longrightarrow & R^1(P) & \xrightarrow{i} \twoheadrightarrow & J^1 T_v^* & \xrightarrow{p^0(P)} & F & \\
& & & \downarrow & & \downarrow & \\
& & & 0 & & 0 &
\end{array}$$