```
\begin{array}{l} X \\ \xi \\ k \\ X \\ Y \\ S \\ G \\ O_S \\ \xi \in X \\ (F,G) \\ \xi \in X \\ (F,G) \\ \xi \in X \\ f \in X
                                                              sions
GEF,
                                                          F \\ G \\ H^0(S, O_S) \\ ? \\ H^0(S, O_S)
                                               (1)
                                                          0 \to H^1(X_2, (F_1, F_2)) \to (F_1, F_2) \to H^0(X_2, (F_1, F_2)).
   (2)

\begin{array}{c}
F \\
G \\
V(_X^1(F,G)) \\
\xi_{\text{univ}}: {}_1GE_1F
\end{array}

                                                              X \times_k V \times_k Y
                                                              _{k}^{1}(Y,V) \rightarrow_{X_{Y}}^{1}(F_{Y},G_{Y})
                                                              (\underset{V}{\alpha} \mapsto \xi_{\text{univ}})
                                                       \xi_{\text{univ}} \atop k((k), V) \sim_X^1(F, G) \\ k(Y, V) \simeq \\ H^0(O_Y \otimes^1 \\ (F, G)) 
                                                              \overset{\simeq}{H}{}^0(s_2^*H^1((F,G)))
                                                              \widetilde{\overline{H}}^0(R^1_{2,*}({}_1^*(G,F)))
                                                              \overline{H}^0(R^1_{2,*}((F_Y,G_Y)))
                                                      H^{\circ}(K_{2,*}((F_Y,G_Y)))
\stackrel{\simeq}{\cong} H^1((G_Y,F_Y))
\stackrel{\simeq}{\cong} X_Y
(F_Y,G_Y).
\stackrel{\in}{\in} k
(V,V)
\stackrel{1}{X_Y}(F_Y,G_Y)
(\stackrel{1}{X_Y}(F,G))
\stackrel{F}{G}
\stackrel{V}{G}
\stackrel{V}
```