=)
$$k_{1} = P_{xx_{1}x_{1}} = P_{xx_{2}x_{1}} = P_{xx_{1}x_{2}} = P_{xx_{2}x_{1}} + P_{xx_{2}x_{2}} = P_{xx_{1}x_{2}} = P_{xx_{2}x_{1}} + P_{xx_{2}x_{2}} = P_{xx_{2}x_{1}} + P_{xx_{2}x_{2}} = P_{xx_{2}x_{1}} = P_{xx_{2}x_{2}} = P_{xx_{2}x_{1}} = P_{xx_{2}x_{2}} =$$