$$egin{aligned} p(e_1) imes \ p(e_2 \mid e_1) imes \ p(e_3 \mid e_1, e_2) imes \ p(e_4 \mid e_1, e_2, e_3) imes \ \cdots imes \ p(e_\ell \mid e_1, e_2, \dots, e_{\ell-2}, e_{\ell-1}) \end{aligned}$$