$$\frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{F}_{1}^{1}(\mathbf{S}))} = \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{F}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} \times \\
= \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}^{1}(\mathbf{S}))} + \frac{\mathbf{C}(\mathbf{S}_{1}\mathbf{S})}{\mathbf{E}(\mathbf{S}_{1}\mathbf{S})} + \frac{\mathbf{C$$