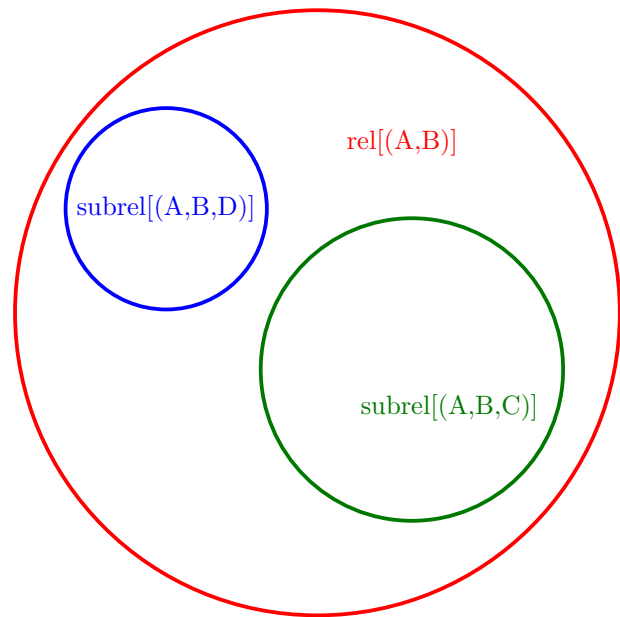
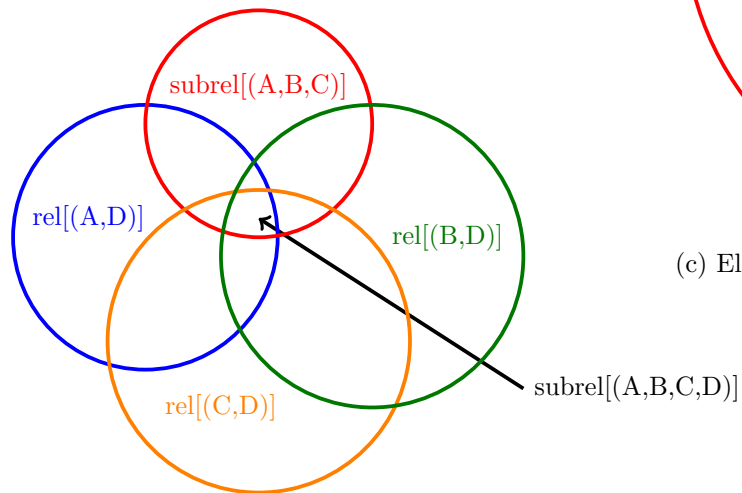


(a) $\text{subrel}[(A,B,C)]$ is a subset of $\text{rel}[(A,B)]$, $\text{rel}[(B,C)]$ and $\text{rel}[(A,C)]$



(b) Elements of $\text{subrel}[\cdot]$ are always contained in $\text{rel}[\cdot]$



(c) $\text{subrel}[(A,B,C,D)]$ is a subset of $\text{subrel}[(A,B,C)]$, $\text{rel}[(A,D)]$, $\text{rel}[(B,D)]$ and $\text{rel}[(C,D)]$