Bayesian



Harry recently installed a new burglar alarm at his home to detect burglaries. The alarm is reliable at detecting burglaries but an also be miggered by minor earthquakes. Harry has two neighbours - pavid and sofia who have aggreed to inform Harry when at work, whenever they hear the alarm . David tends to cau Harry whenever he hears the alarm, but occasionly he caus by mistake when phone ings for other reasons. Sofia enjoys listening to loud music and occasionly misses to hear the alarm all together. Calculate the bu probability of burglars alarm. calculate the prob. that alarm has sounded but there is neither a burglary nor an A(T) earthquake, but David and Sofia both E(F) cauld Harry D(T) S(T) Earthquake Burglary) Alarm





