My summaries about automaton used in model checking

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1. First Section

1. One scenario where ***'automaton is closed under complementation'*** is necessary:

If an automaton $\mathcal{A}$ is closed under complementation, and an AMA $\mathcal{M}^{\langle\langle A\rangle\rangle\varphi}$ can recognize the set of configurations of $\mathcal{P}$ satisfying $\langle\langle A\rangle\rangle\varphi$ in a bottom-up approach. We assume that $\mathcal{M}^{\neg\langle\langle A\rangle\rangle\varphi}$ has also been computed to recognize $\mathcal{C}_{\mathcal{P}}$ (T Chen et al. 2016).

2. few

```
def main():
    return Null
```