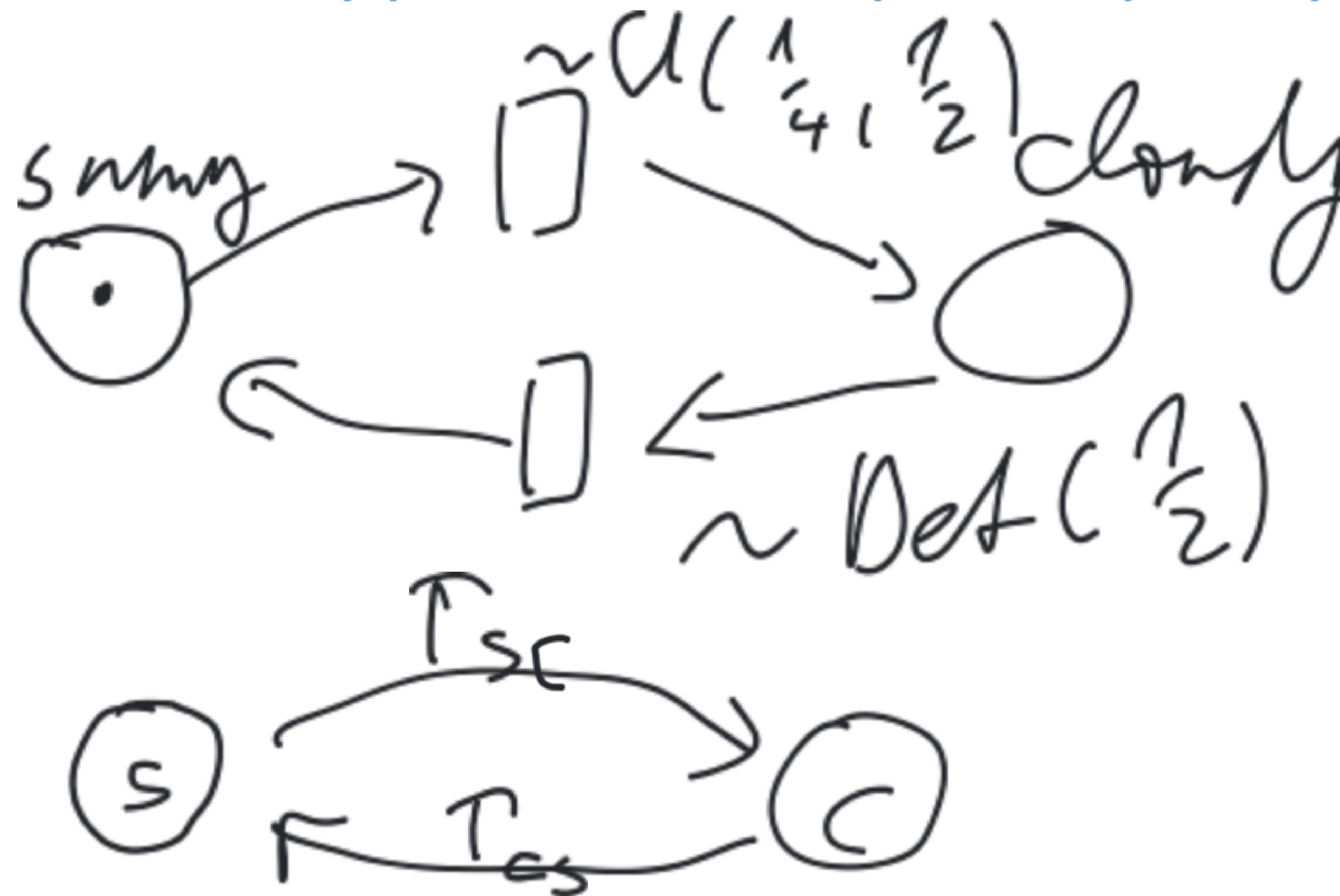


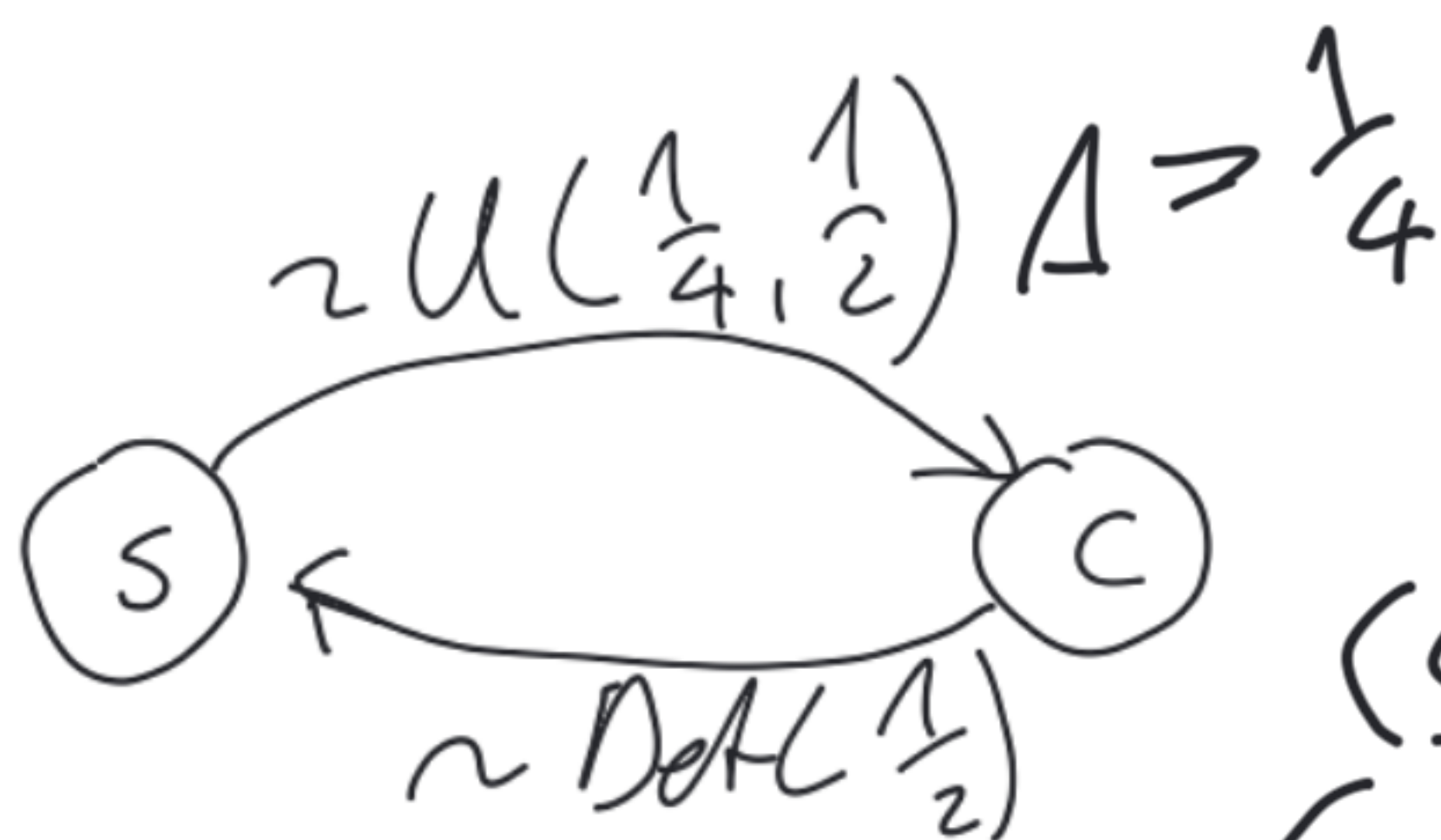
Example: The Weather Example

There are two weather conditions: sunny and cloudy

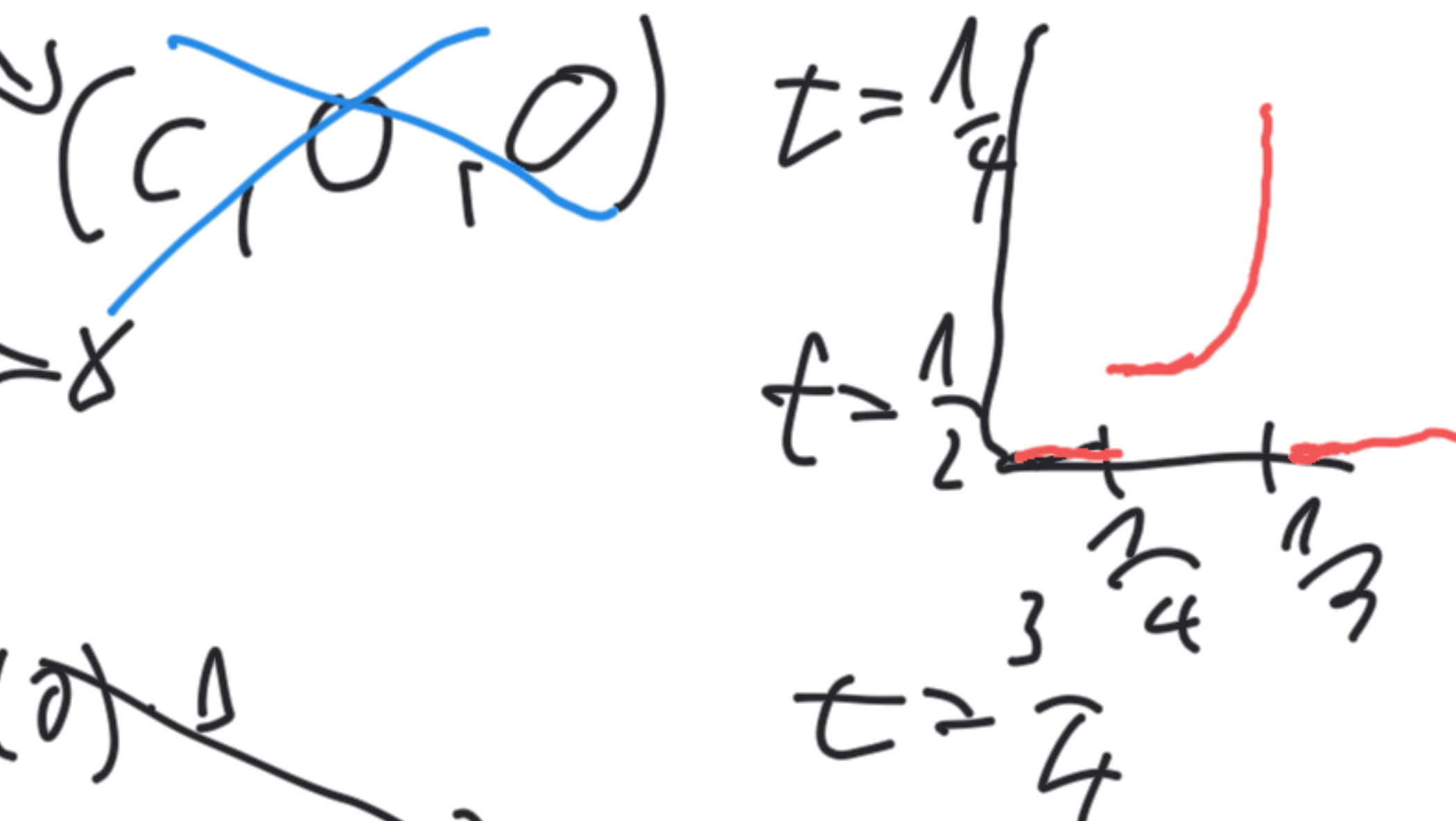
A sunny period lasts from $\frac{1}{4}$ to $\frac{1}{2}$ day uniformly distributed

A cloudy period lasts always exactly $\frac{1}{2}$ day





$(S, 0, 1)$
 $\mu_{sc}(0) \cdot \Delta$
 $t = 0$



$(S, \frac{1}{4}, 1)$
 $\mu_{sc}(\frac{1}{4}) \cdot \frac{1}{4} = 8$
 $(S, \frac{1}{2}, 1-x)$
 $(C, 0, x)$

~~$(S, \frac{3}{4}, 0)$~~
 $\sim \infty$
 $(C, 0, 1-x)$
 ~~$(S, 0, 0)$~~
 $\mu_{cs}(0) \cdot \Delta$

$(C, \frac{1}{4}, 1-x)$
 ~~$(S, 0, 0)$~~
 $(C, \frac{1}{4}, x)$
 $(C, \frac{1}{2}, x)$

$(C, \frac{1}{2}, 1-x)$
 $(S, 0, x)$
 ~~$(C, \frac{3}{4}, 0)$~~

$b=1$

$b=\frac{1}{4}$

