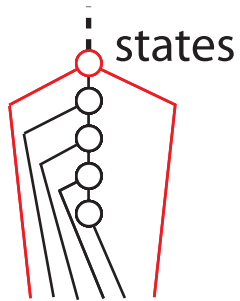


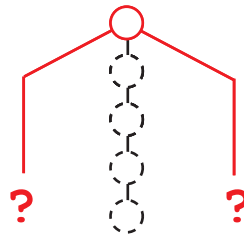
Example: Finding a hairpin loop

part of
a seed
alignment:

struct	...	<<<---	>->>	...
yeast	...	GU	GUUCGCUAC	...
human	...	-U	CUUCGGCG-	...
fly	...	AG	AUU-GUACU	...



where's
the loop?



NNN . . . NNNNNNN . . . NNN
1 W

$W*(W-1)/2$ possibilities

if $W=100 \sim 5000$ possibilities
if $W=200 \sim 20000$ possibilities