

TM2SymTM

```
symTM :: TM -> TM
```

```
symDetTM :: TM -> TM
```

```
threePhaseProcessing :: TM -> TM
```

```
firstPhase :: [State] -> ... -> [[TapeCommand]]
```

```
secondPhase :: State -> ... -> [[TapeCommand]]
```

```
thirdPhase :: State -> ... -> [[TapeCommand]]
```

```
symCommands :: [[TapeCommand]] -> [[TapeCommand]]
```

```
doubleCommands :: ... -> [[TapeCommand]] -> (... , [[TapeCommand]])
```

```
one2KCmds :: (... , [[TapeCommand]]) -> (... , [[TapeCommand]])
```

```
cmd2SIDCmd :: (... , [[TapeCommand]]) -> (... , [[TapeCommand]])
```