regenerated using target.function

mu x enzymes.composition	**mu x machine.composition**	**S**	
mu x enzymes.processingCost	**mu x machine.processingCost - diag(machine.capacity)**	**0**	
0		**targetReaction.index**	

decision variables

=

target.dilutionCompensation

```
if target(i).dilutionCompensation=true
   a_ii = mu
else
    a_ii = 1
```

- target.composition

- target.processingCost

target.value

targetReaction.value
(regenerated using targetReaction.function)

regenerated using enzymes.efficiency, enzymes.importEfficiency, enzymes exportEfficiency

-diag(kE_forward)	**0**	**I**	
-diag(kE_backward)	**0**	**-I**	
enzymes.weight	**machine.weight**	**0**	

decision variables

≤

parameters.density – **target.weight** X **target.value** (same vector as above)

0