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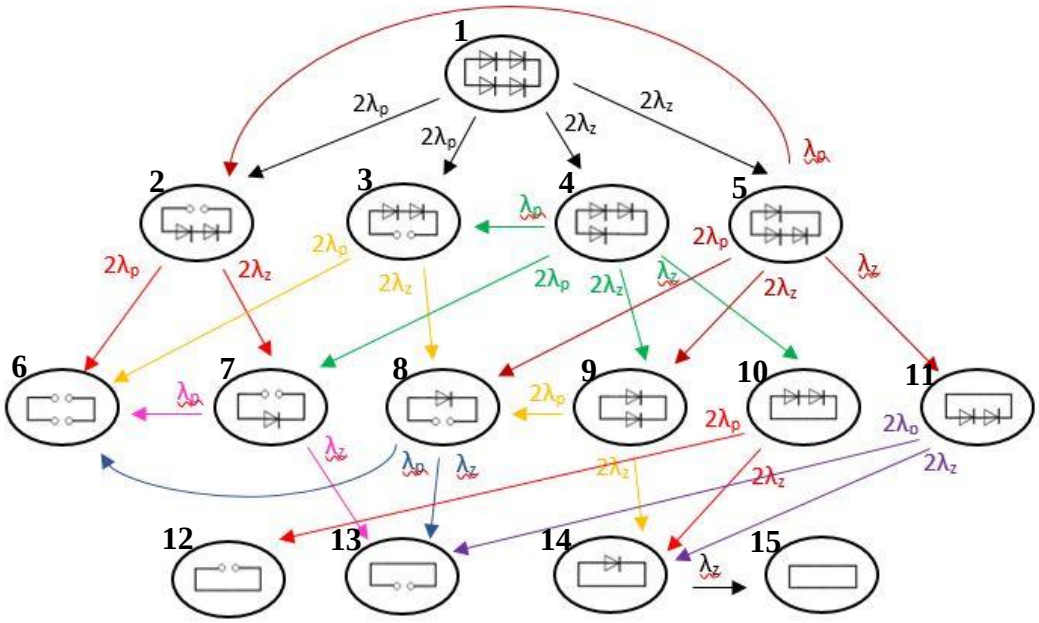
Příklad 1

1.



Matice intenzit:

$-4\lambda_p-4\lambda_z$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$2\lambda_p$	$-2\lambda_p-2\lambda_z$	0	0	λ_p	0	0	0	0	0	0	0	0	0	0
$2\lambda_p$	0	$-2\lambda_p-2\lambda_z$	λ_p	0	0	0	0	0	0	0	0	0	0	0
$2\lambda_z$	0	0	$-3\lambda_p-3\lambda_z$	0	0	0	0	0	0	0	0	0	0	0
$2\lambda_z$	0	0	0	$-3\lambda_p-3\lambda_z$	0	0	0	0	0	0	0	0	0	0
0	$2\lambda_p$	$2\lambda_p$	0	0	0	λ_p	λ_p	0	0	0	0	0	0	0
0	$2\lambda_z$	0	$2\lambda_p$	0	0	$-\lambda_p-\lambda_z$	0	0	0	0	0	0	0	0
0	0	$2\lambda_z$	0	$2\lambda_p$	0	0	$-\lambda_p-\lambda_z$	$2\lambda_p$	0	0	0	0	0	0
0	0	0	$2\lambda_z$	$2\lambda_z$	0	0	0	$-2\lambda_p-2\lambda_z$	0	0	0	0	0	0
0	0	0	λ_z	0	0	0	0	0	$-2\lambda_p-2\lambda_z$	0	0	0	0	0
0	0	0	0	λ_z	0	0	0	0	0	$-2\lambda_p-2\lambda_z$	0	0	0	0
0	0	0	0	0	0	λ_z	λ_z	0	0	$2\lambda_p$	0	0	0	0
0	0	0	0	0	0	0	0	$2\lambda_z$	$2\lambda_z$	$2\lambda_z$	0	0	$-\lambda_z$	0
0	0	0	0	0	0	0	0	0	0	0	0	0	λ_z	0

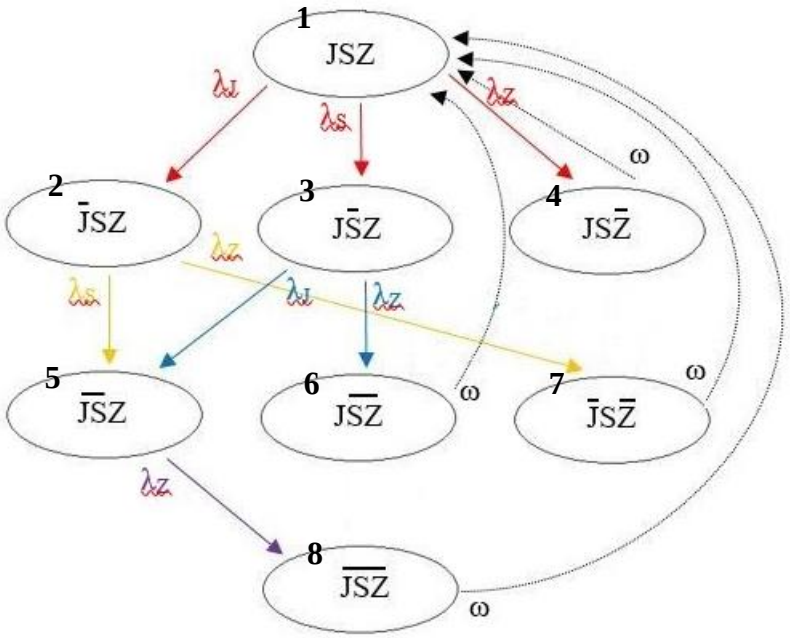
2. P = P(1) + P(4) + P(5)

Za předpokladu, že považuji diody v přerušené větvi (stav 2 a 3) za nefunkční, neboť zde neteče proud.

3. P = P(3) + P(6) + P(8) + P(13)

4. P = P(10) + P(11) + P(12) + P(13) + P(14) + P(15)

Příklad 2



2. Matice pravděpodobností:

$1-(\lambda_J+\lambda_S+\lambda_Z)\Delta t$	0	0	$\omega\ \Delta t$	0	$\omega\ \Delta t$	$\omega\ \Delta t$	$\omega\ \Delta t$
$\lambda_J\ \Delta t$	$1-(\lambda_S+\lambda_Z)\Delta t$	0	0	0	0	0	0
$\lambda_S\ \Delta t$	0	$1-(\lambda_J+\lambda_Z)\Delta t$	0	0	0	0	0
$\lambda_Z\ \Delta t$	0	0	$1-\omega\ \Delta t$	0	0	0	0
0	$\lambda_S\ \Delta t$	$\lambda_J\ \Delta t$	0	$1-\lambda_Z\ \Delta t$	0	0	0
0	0	$\lambda_Z\ \Delta t$	0	0	$1-\omega\ \Delta t$	0	0
0	$\lambda_Z\ \Delta t$	0	0	0	0	$1-\omega\ \Delta t$	0
0	0	0	0	$\lambda_Z\ \Delta t$	0	0	$1-\omega\ \Delta t$

3. $P = P(2) + P(5)$

4. $P = P(5)$