

Analytické pravděpodobnostní modely, Markovské procesy

Výkonnost a spolehlivost – KIV/VSP

Richard Lipka

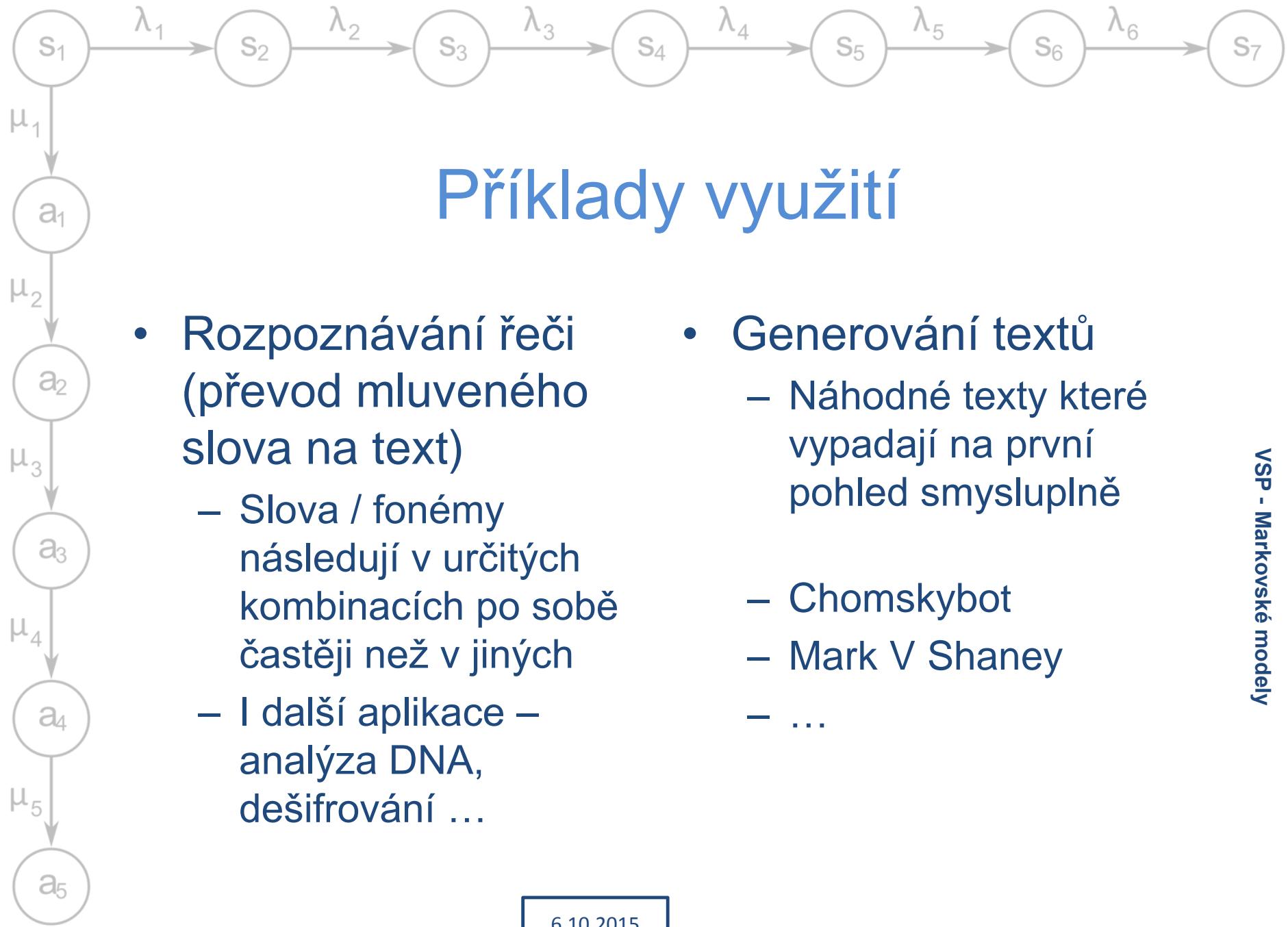
6.10.2015

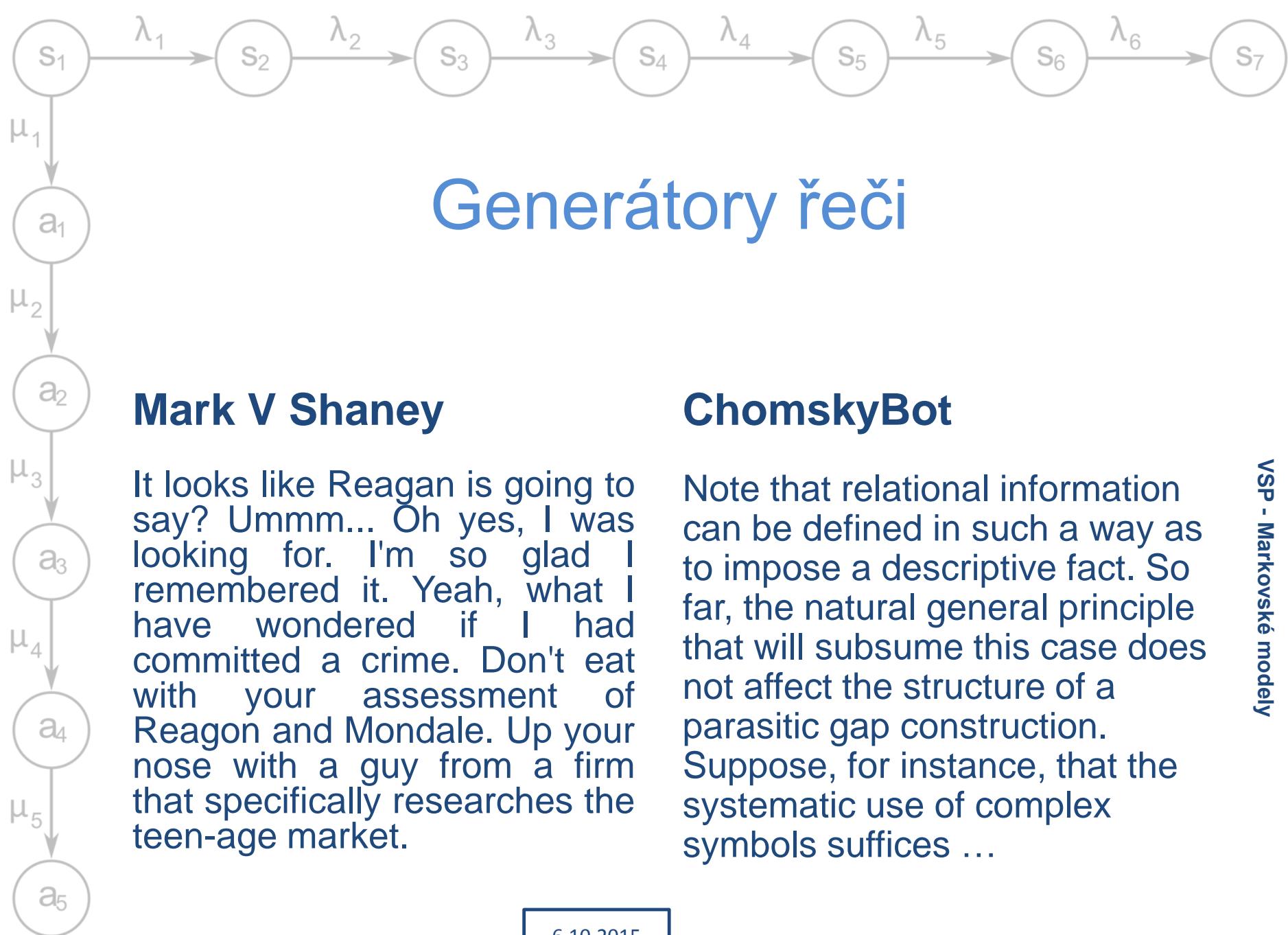




Příklady využití

- Modelování systémů s náhodnými příchody požadavků
 - Lidé ve frontě
 - Telefonní linky
 - Půjčovny aut
 - Vozidla v křižovatce
 - ...
- Vědecké modely
 - Modelování náhodného pohybu molekul
 - Fungování enzymů
 - Modelování burzy
 - PageRank
 - ...





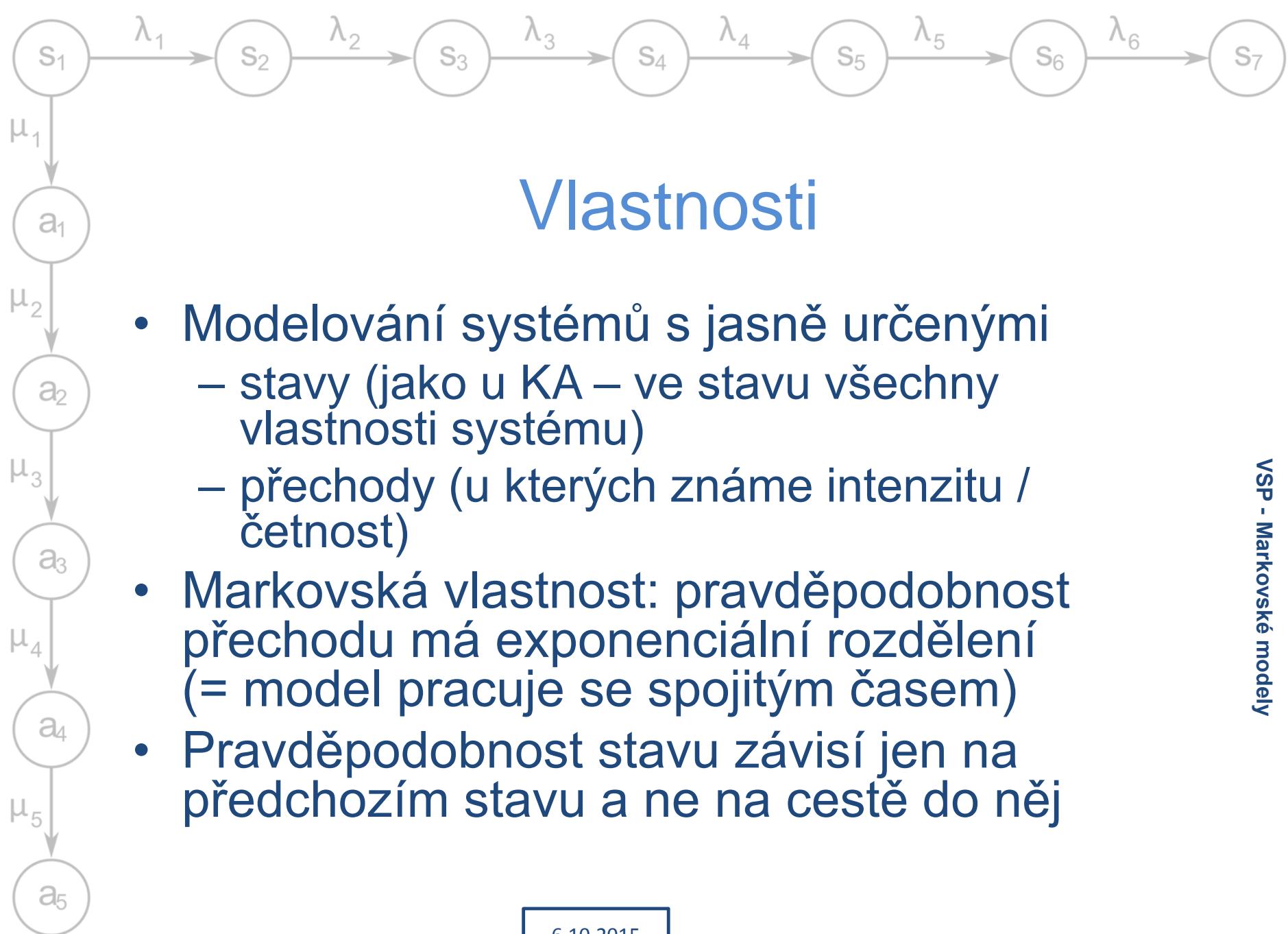
Generátory řeči

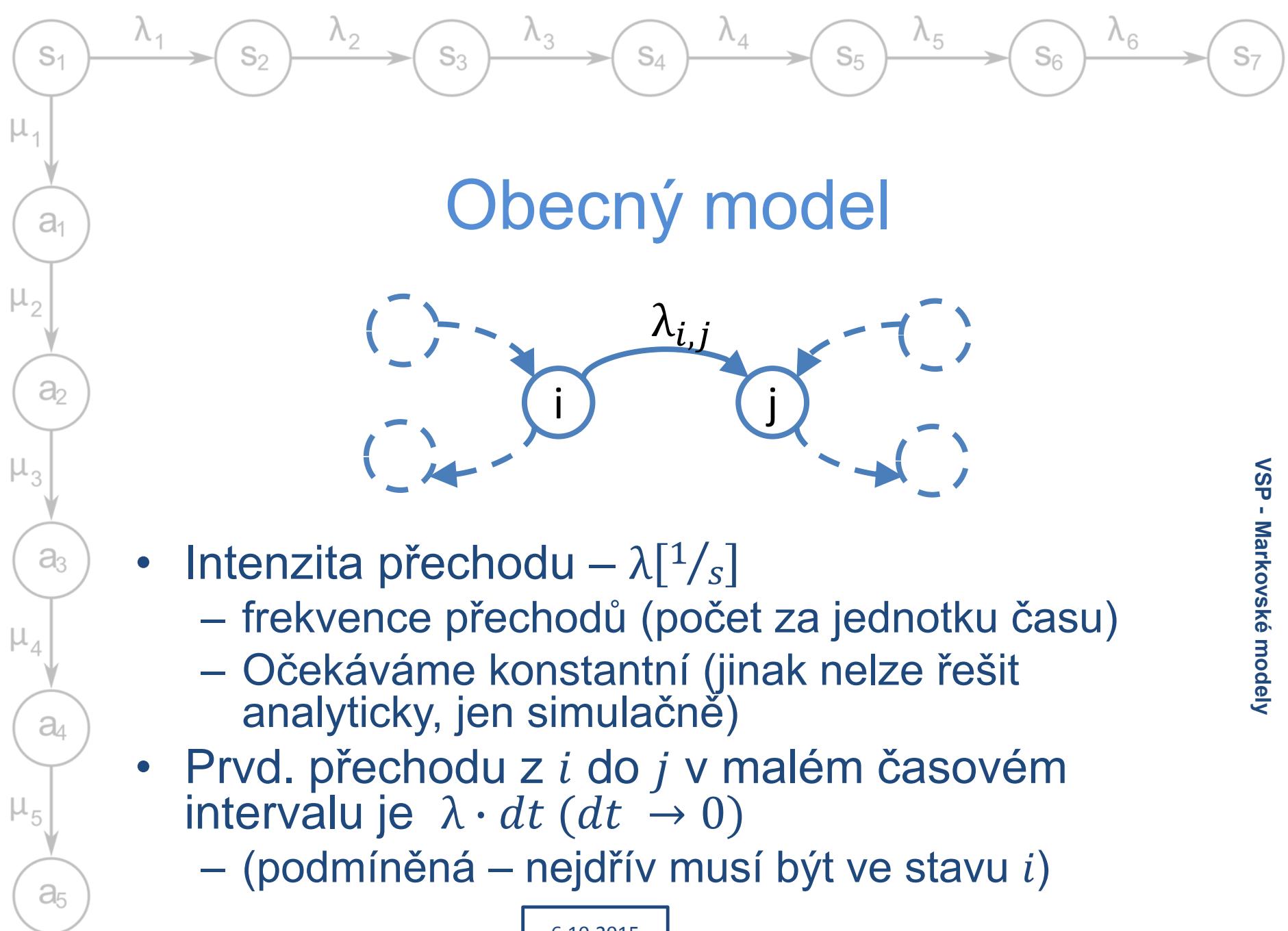
Mark V Shaney

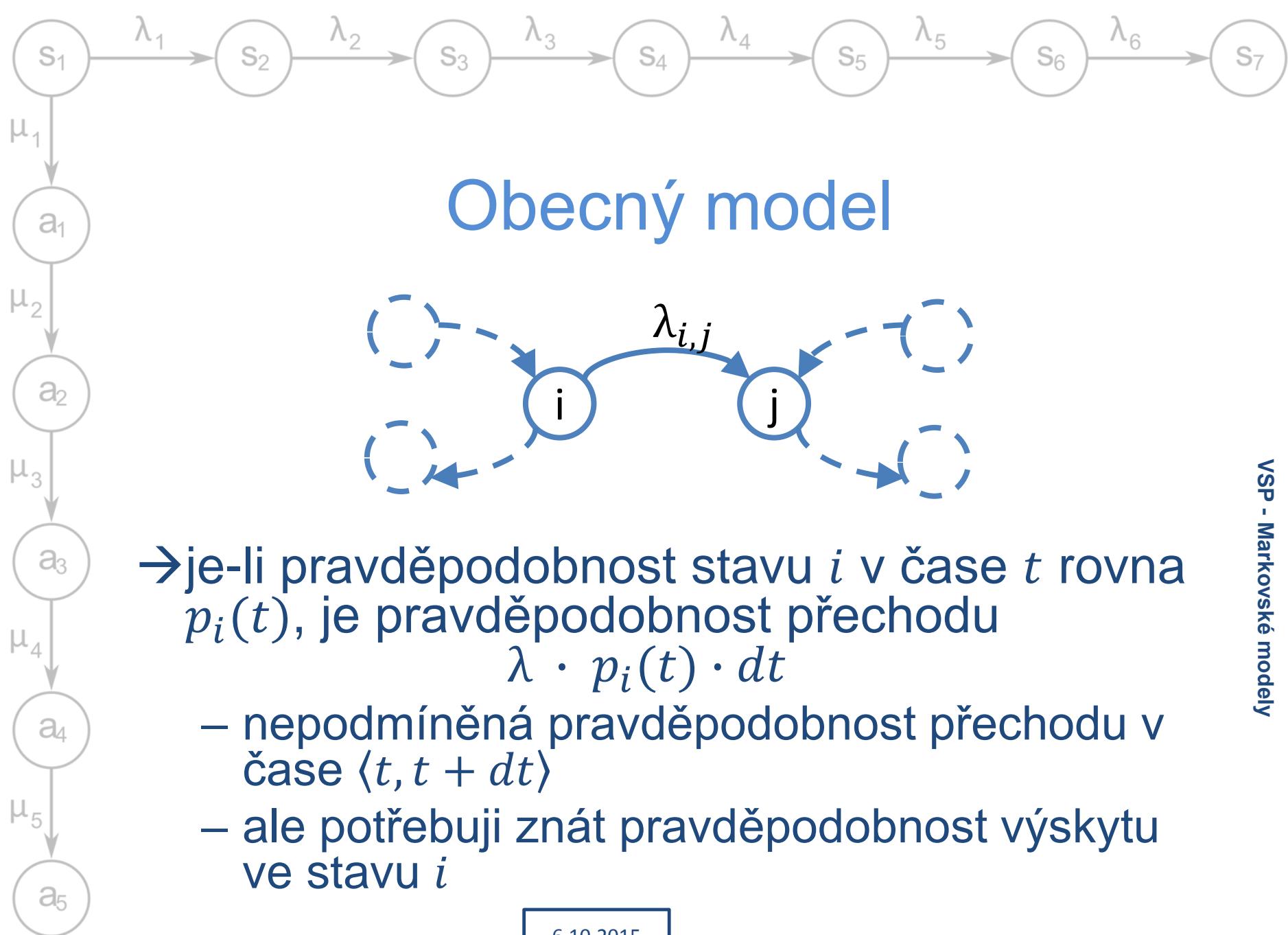
It looks like Reagan is going to say? Ummm... Oh yes, I was looking for. I'm so glad I remembered it. Yeah, what I have wondered if I had committed a crime. Don't eat with your assessment of Reagon and Mondale. Up your nose with a guy from a firm that specifically researches the teen-age market.

ChomskyBot

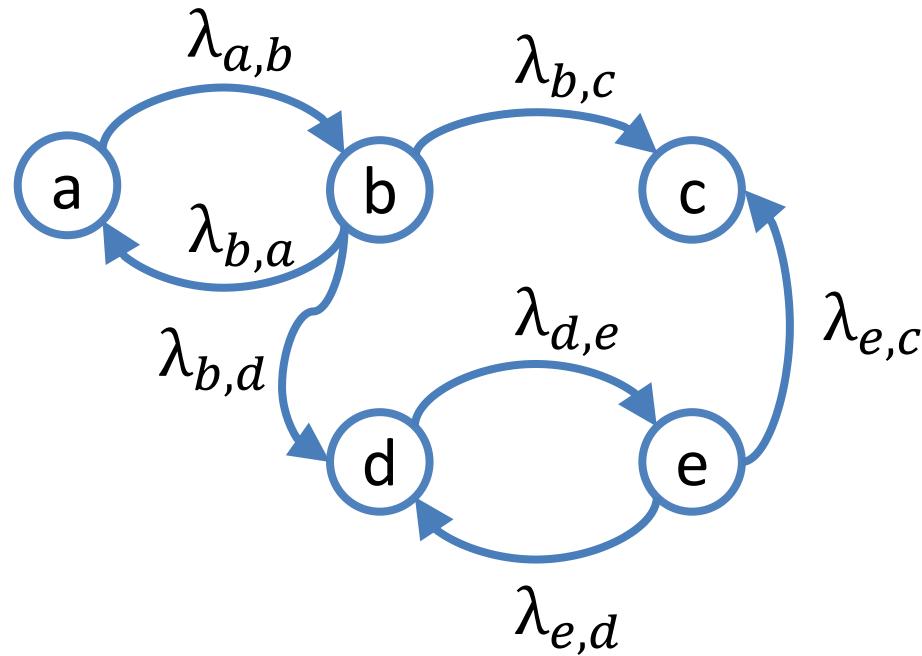
Note that relational information can be defined in such a way as to impose a descriptive fact. So far, the natural general principle that will subsume this case does not affect the structure of a parasitic gap construction. Suppose, for instance, that the systematic use of complex symbols suffices ...



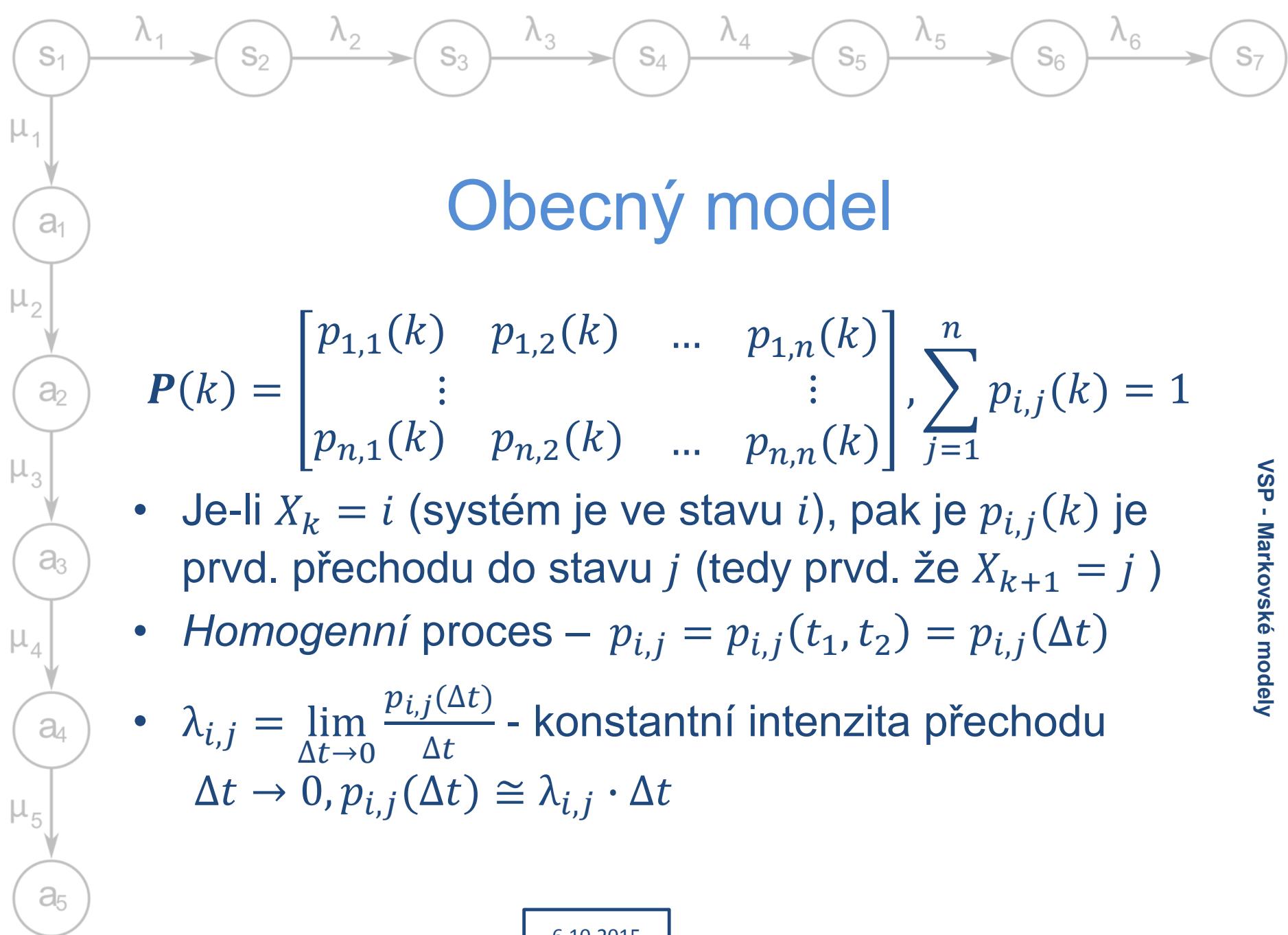


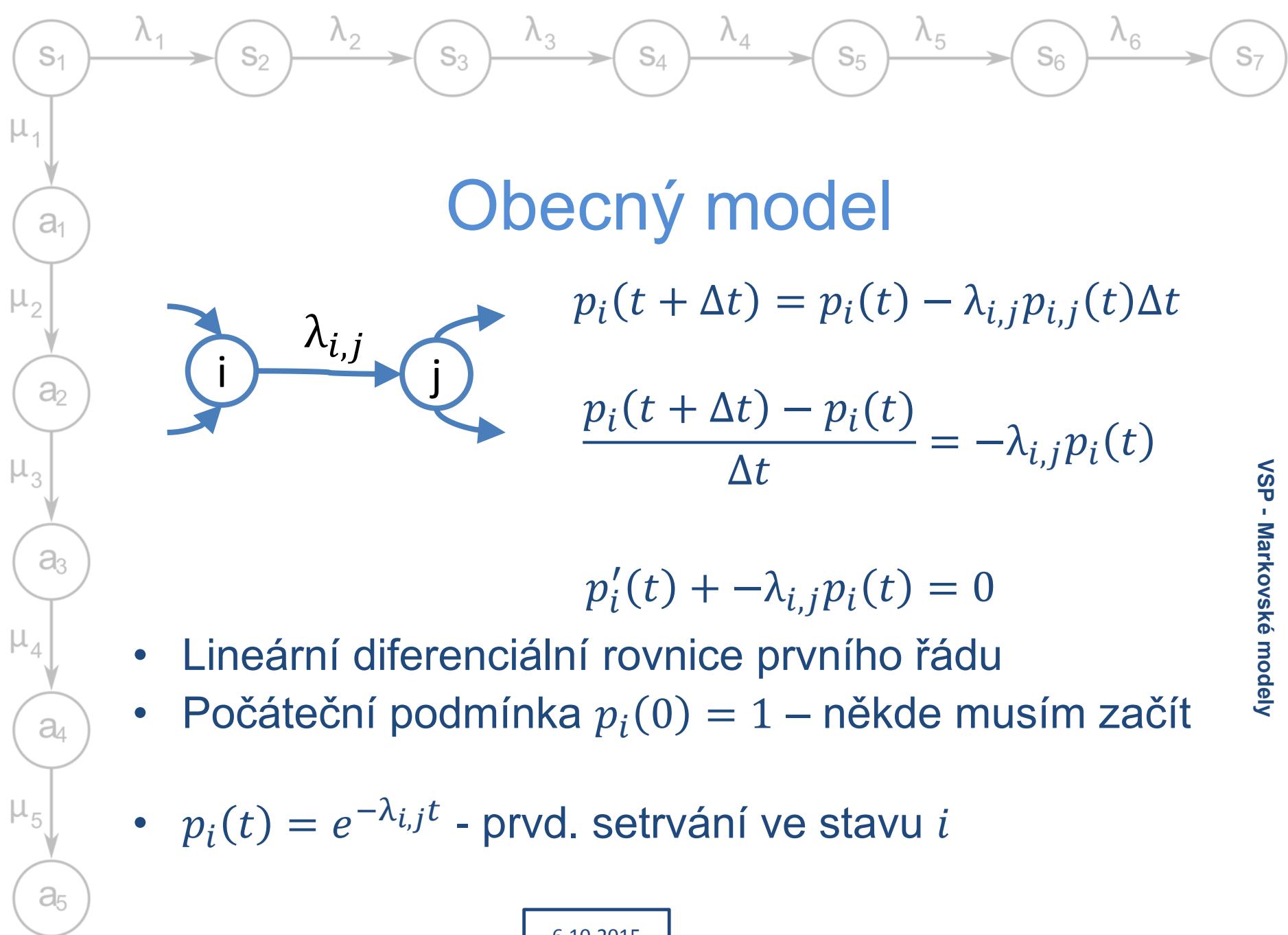


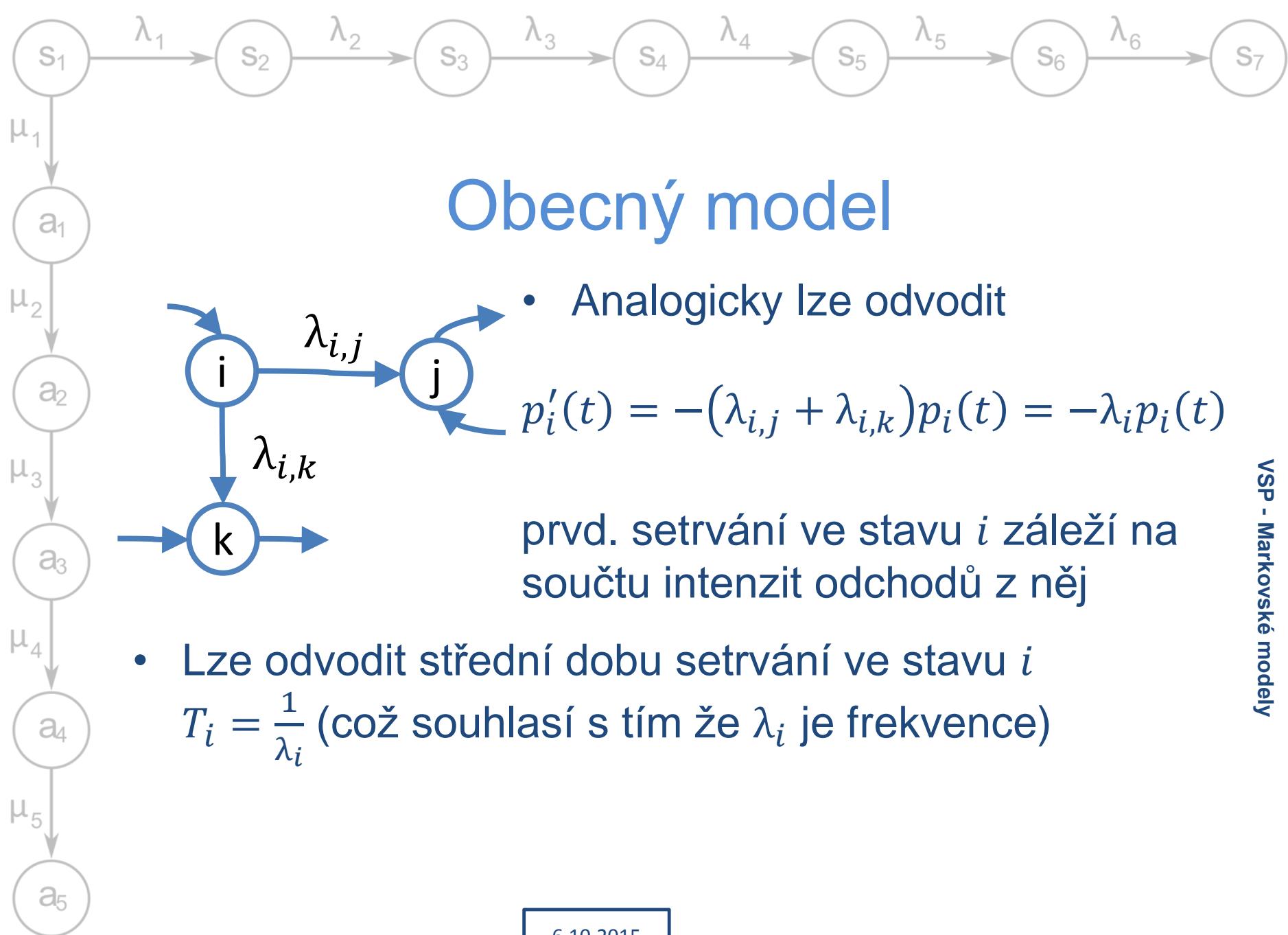
Obecný model

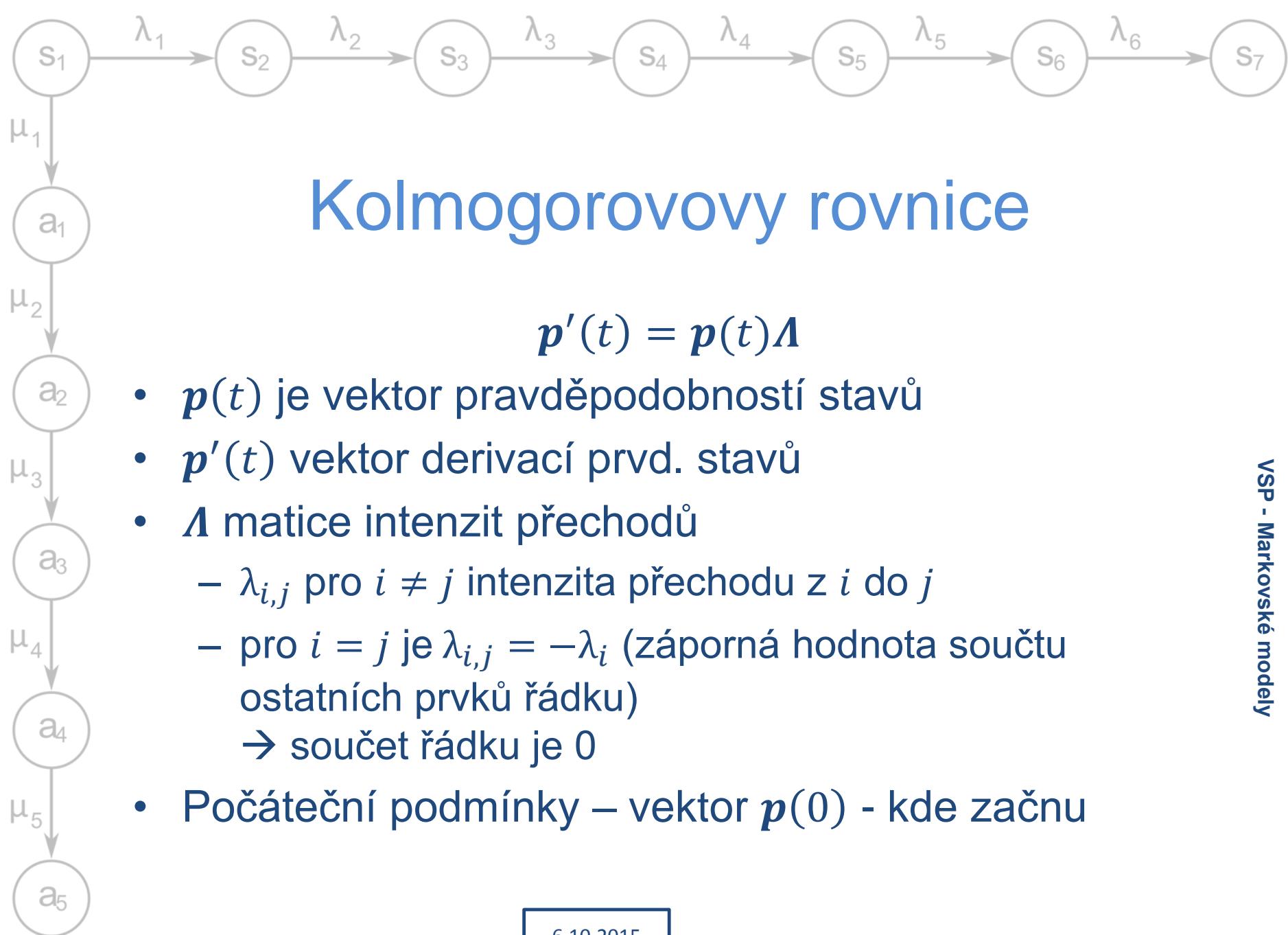


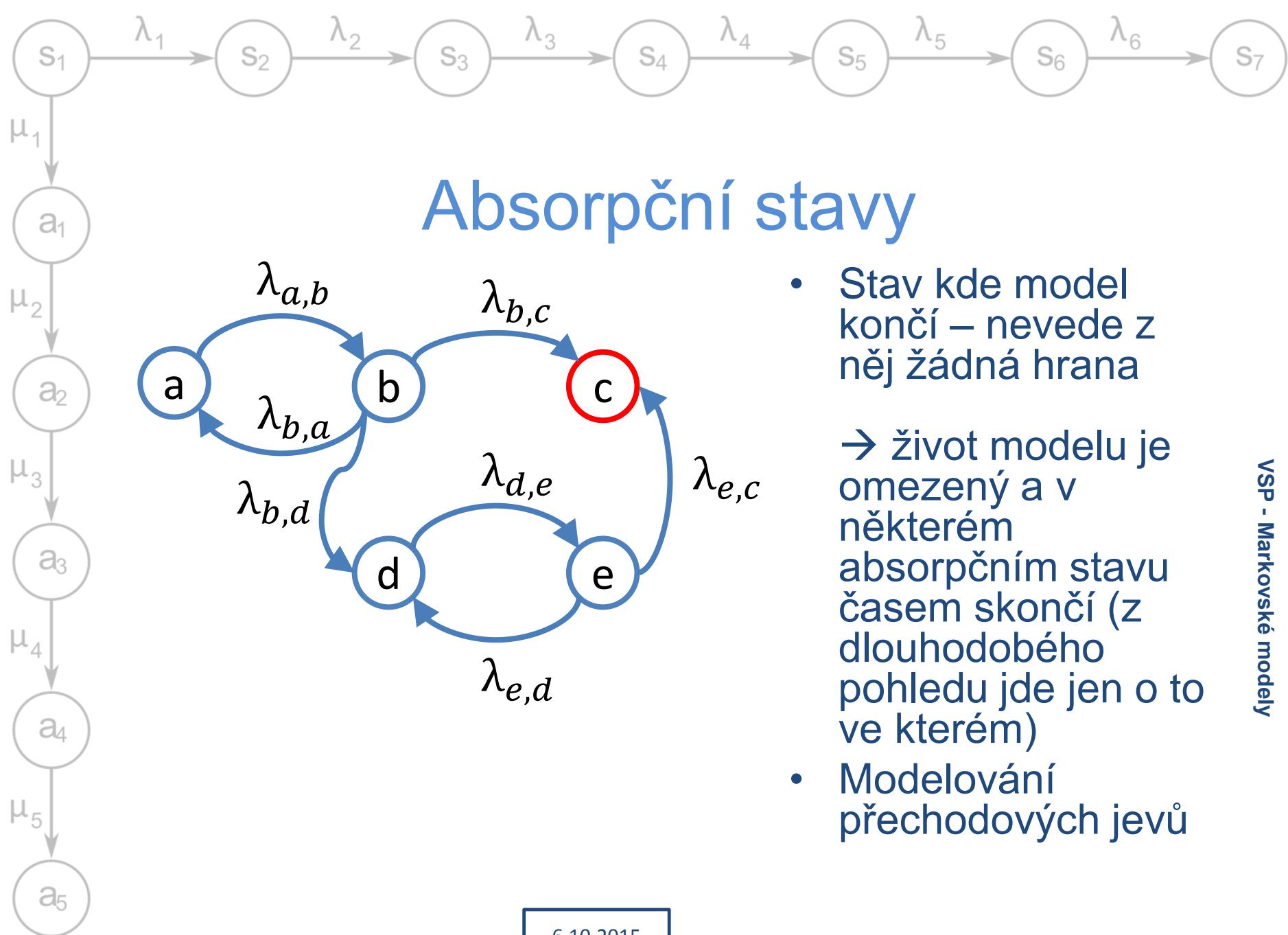
- Popis orientovaným váženým grafem

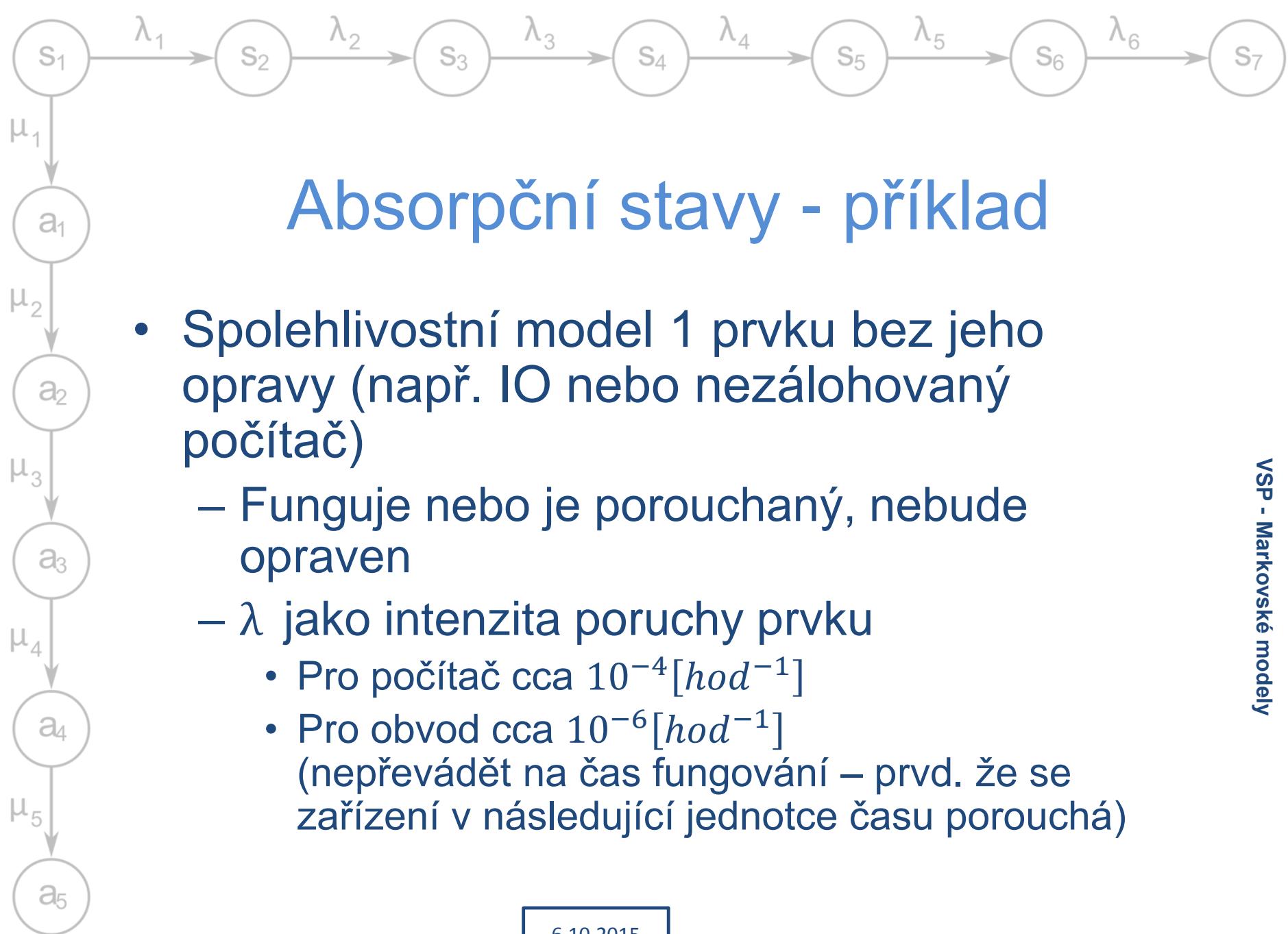


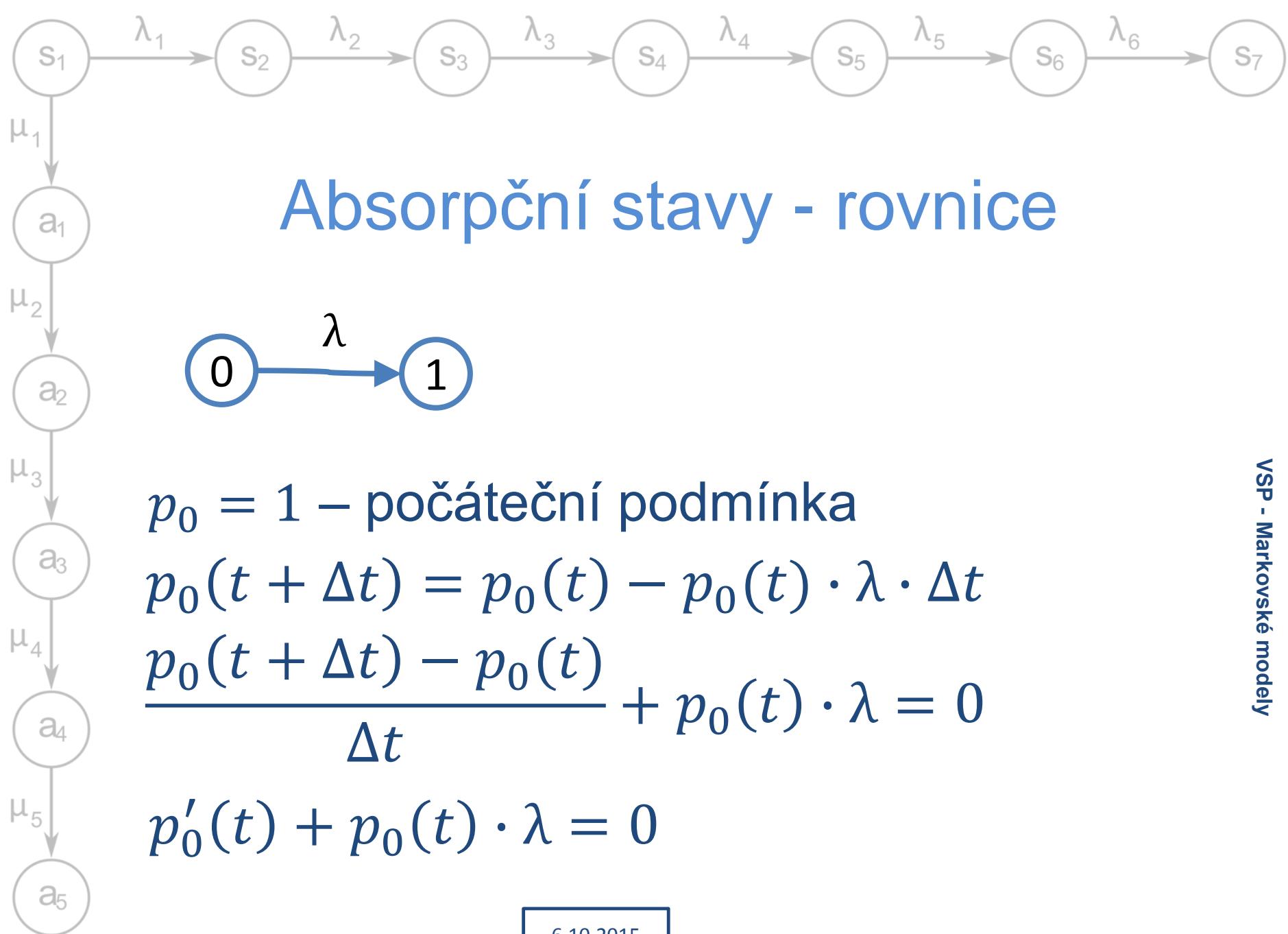


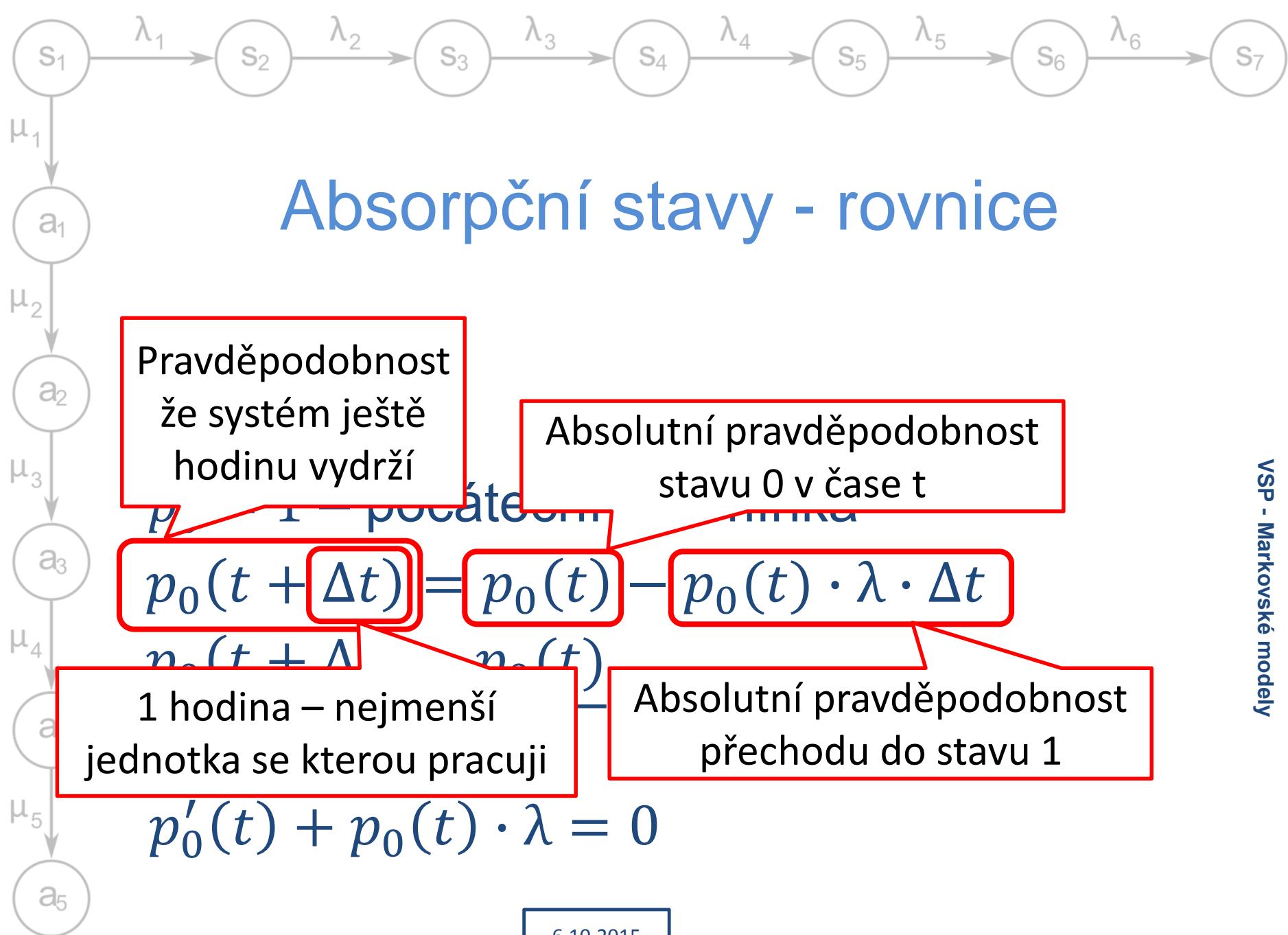


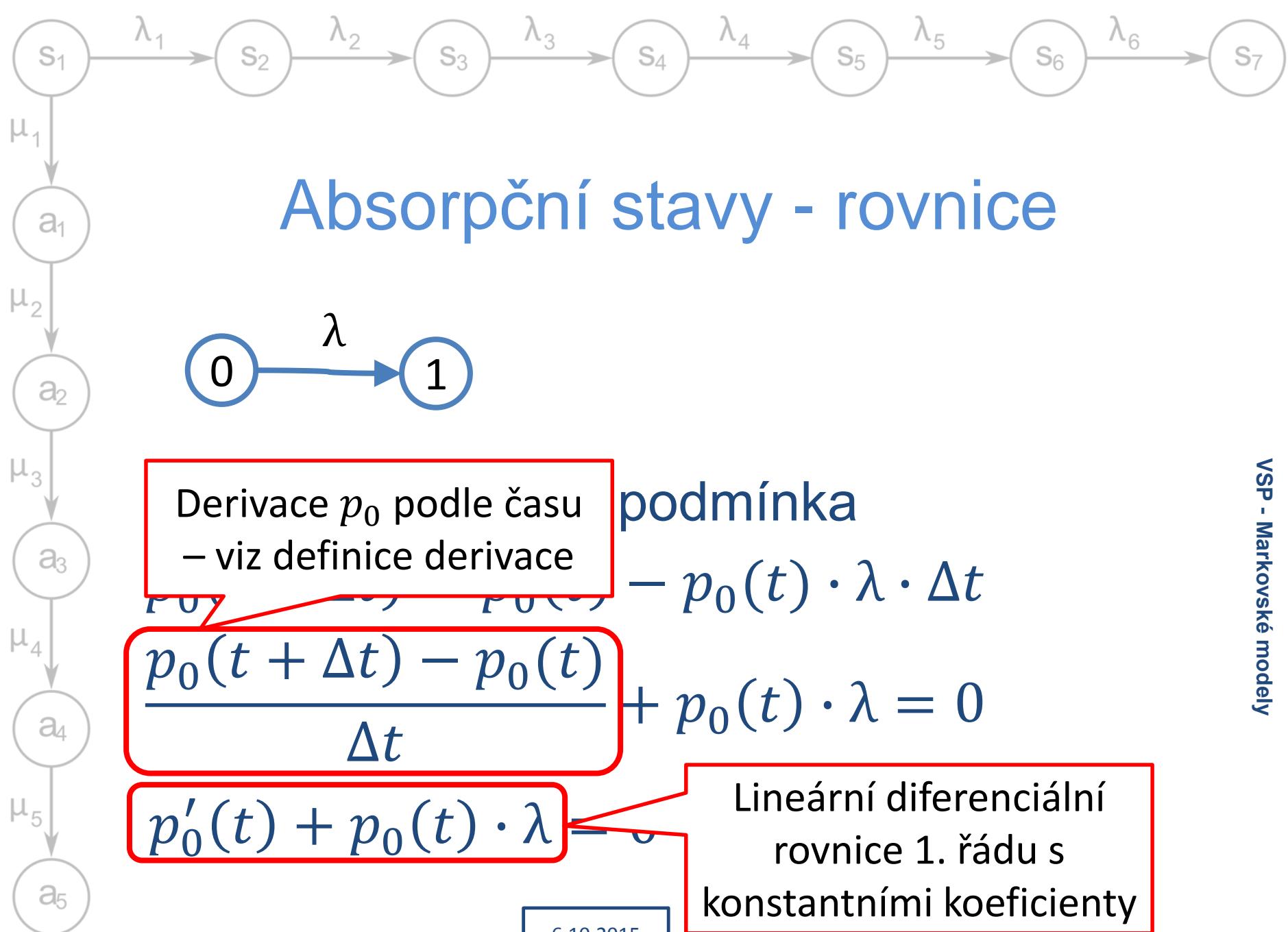


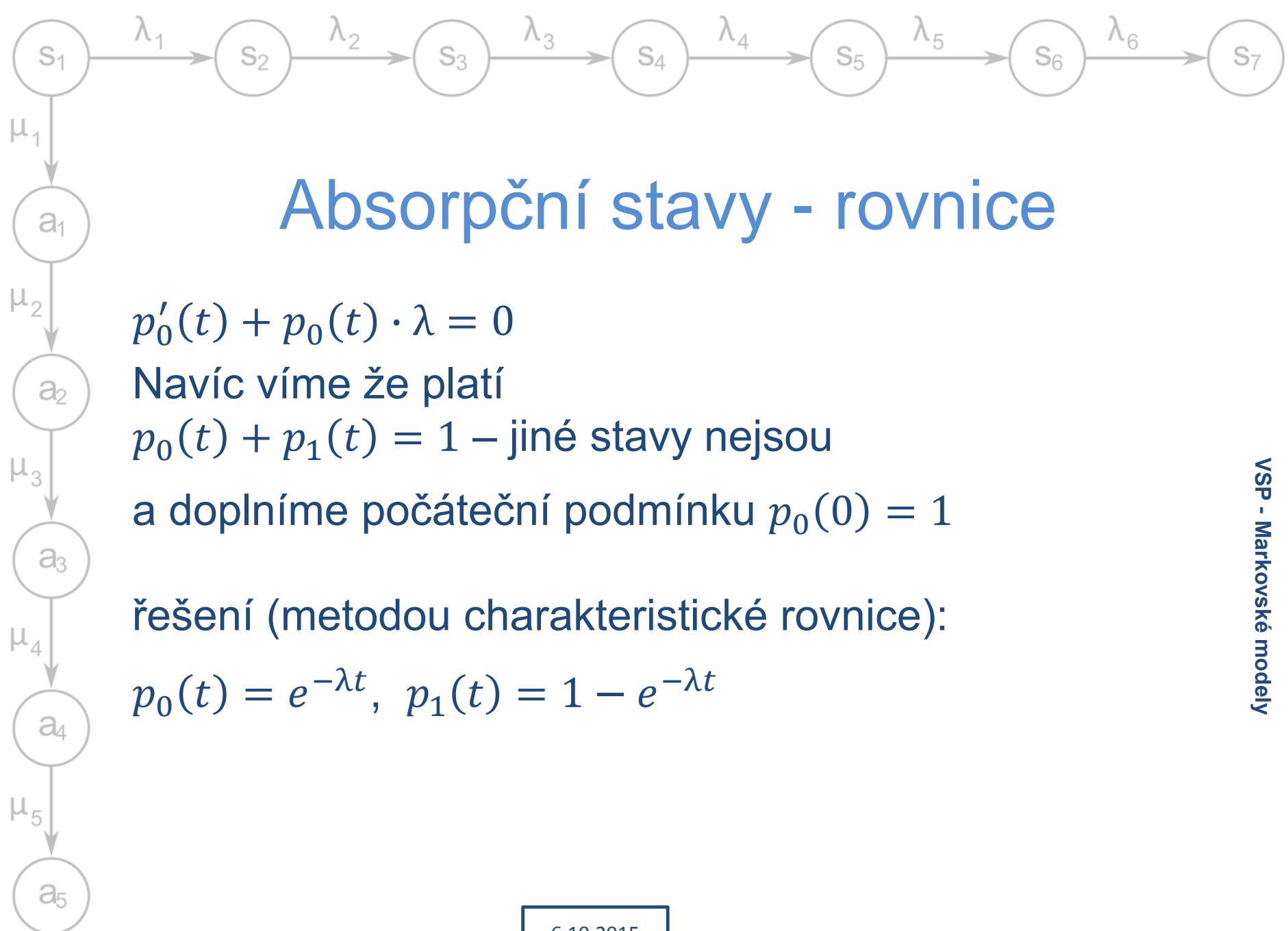


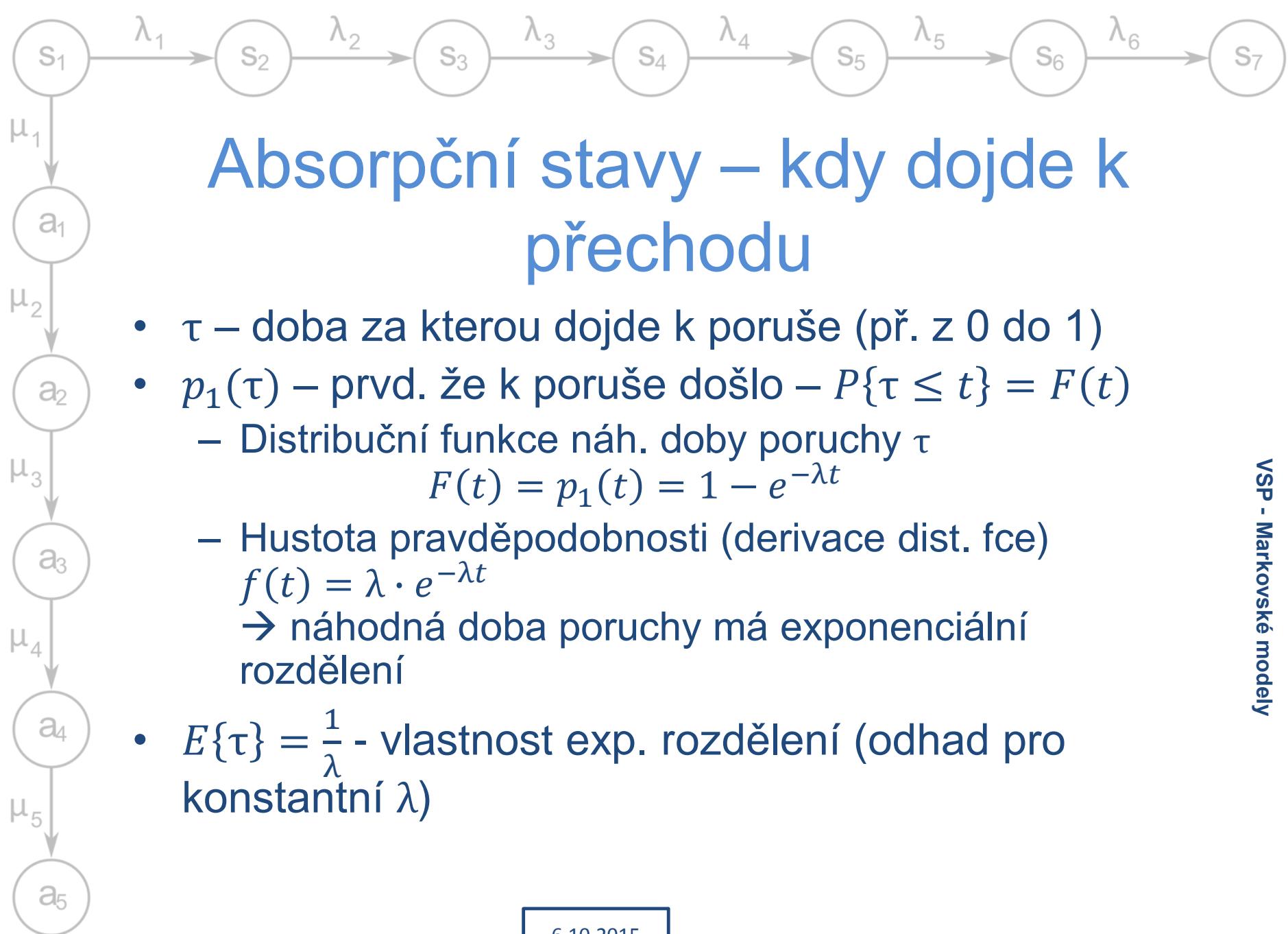


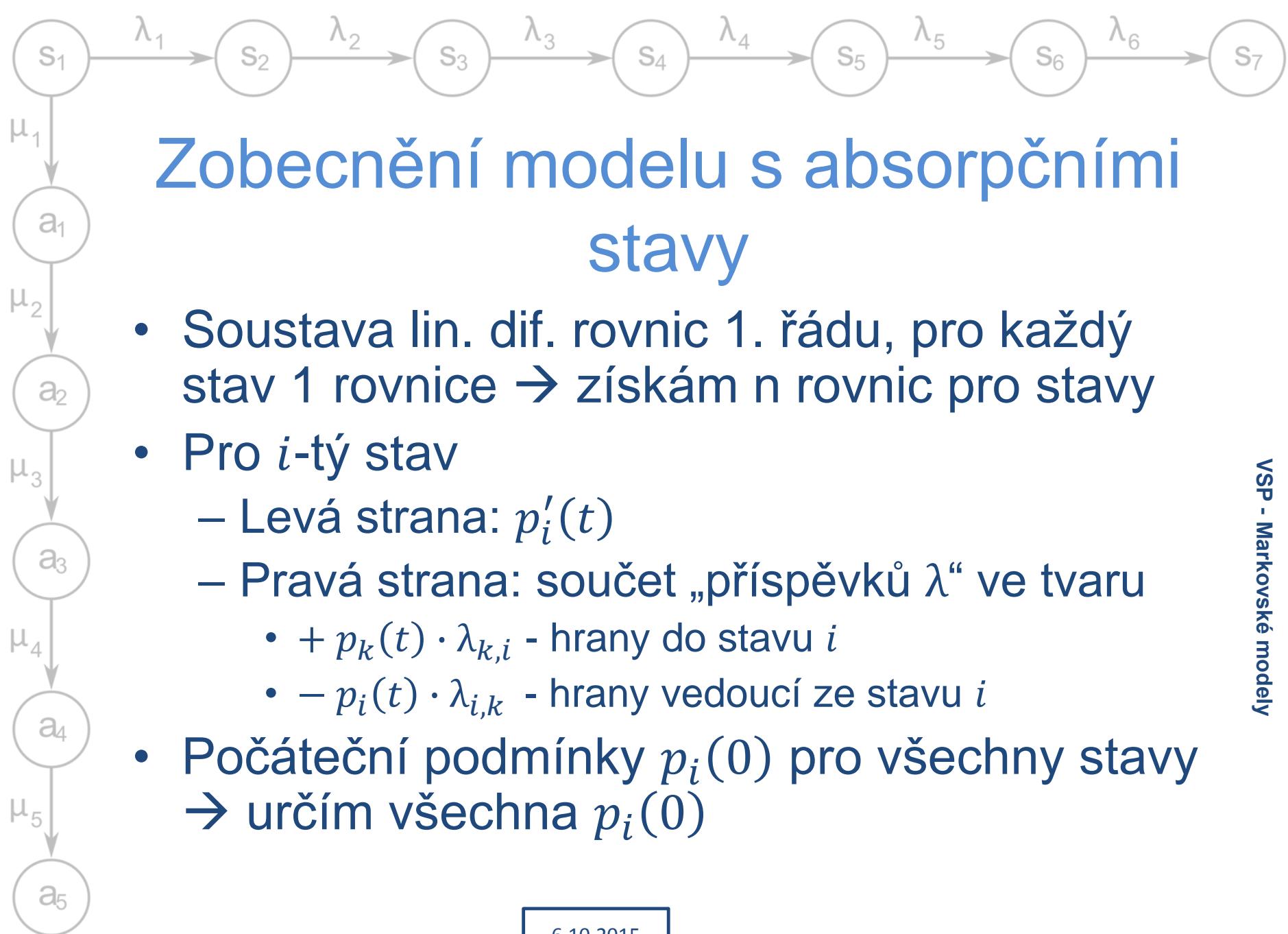


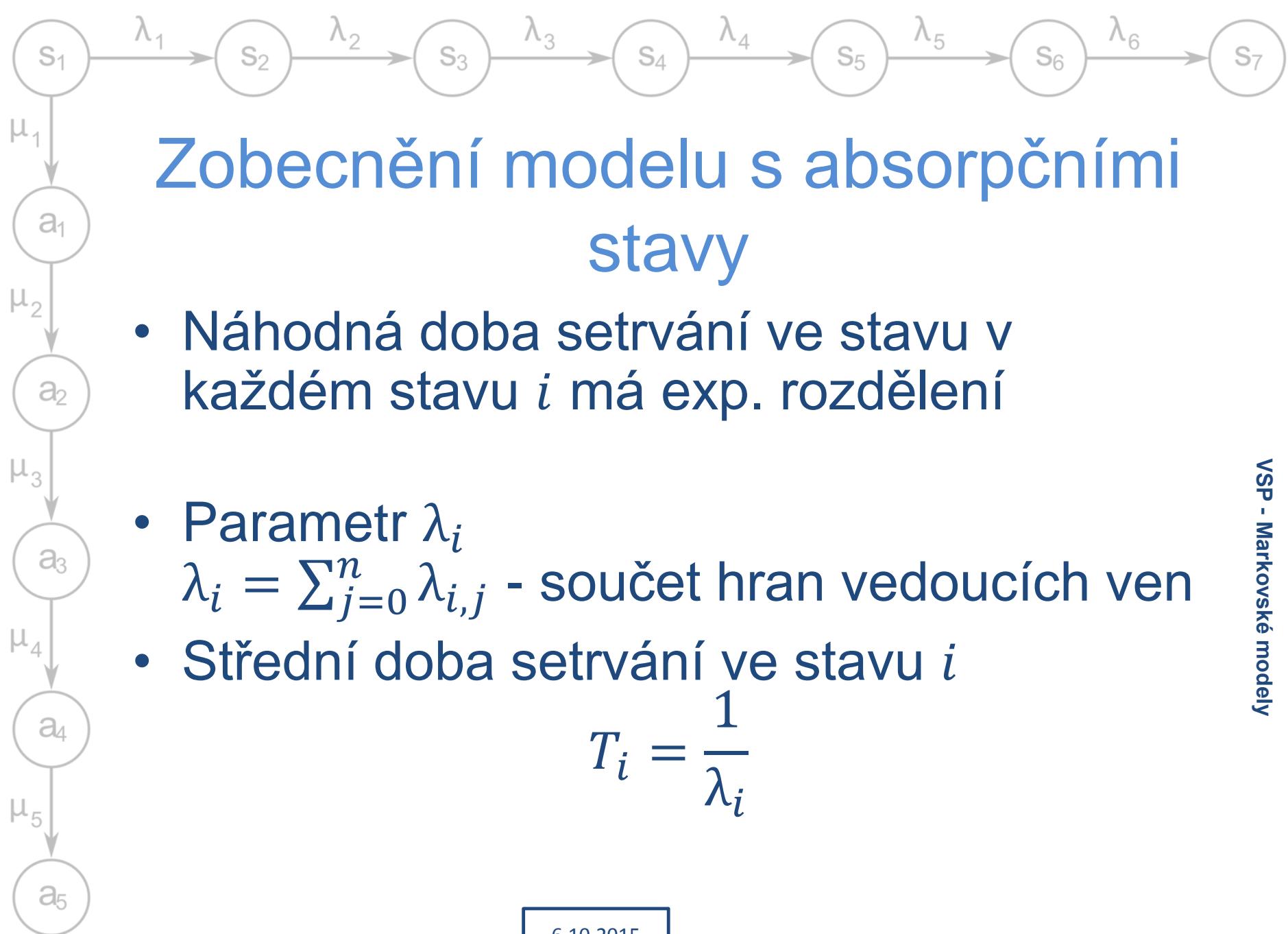


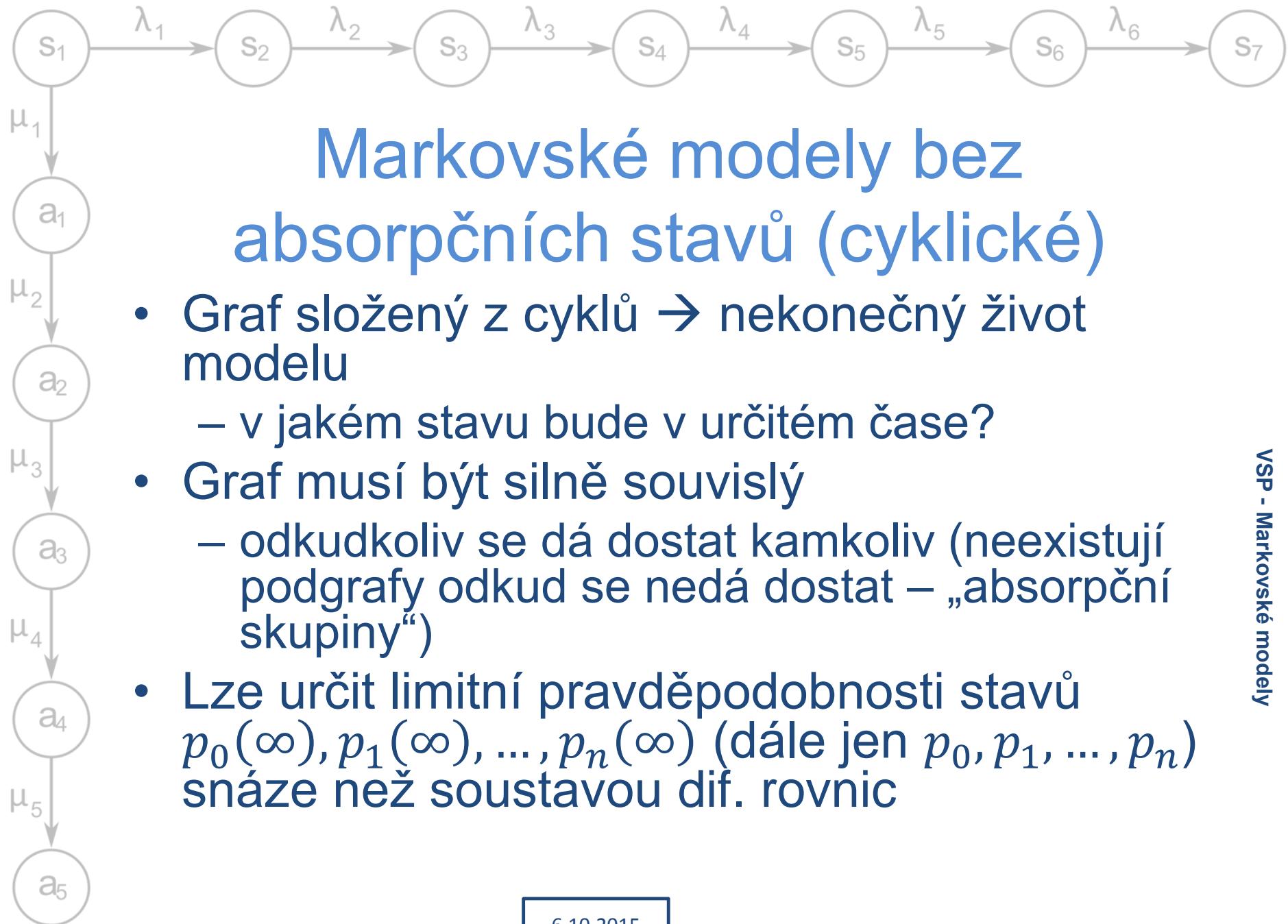


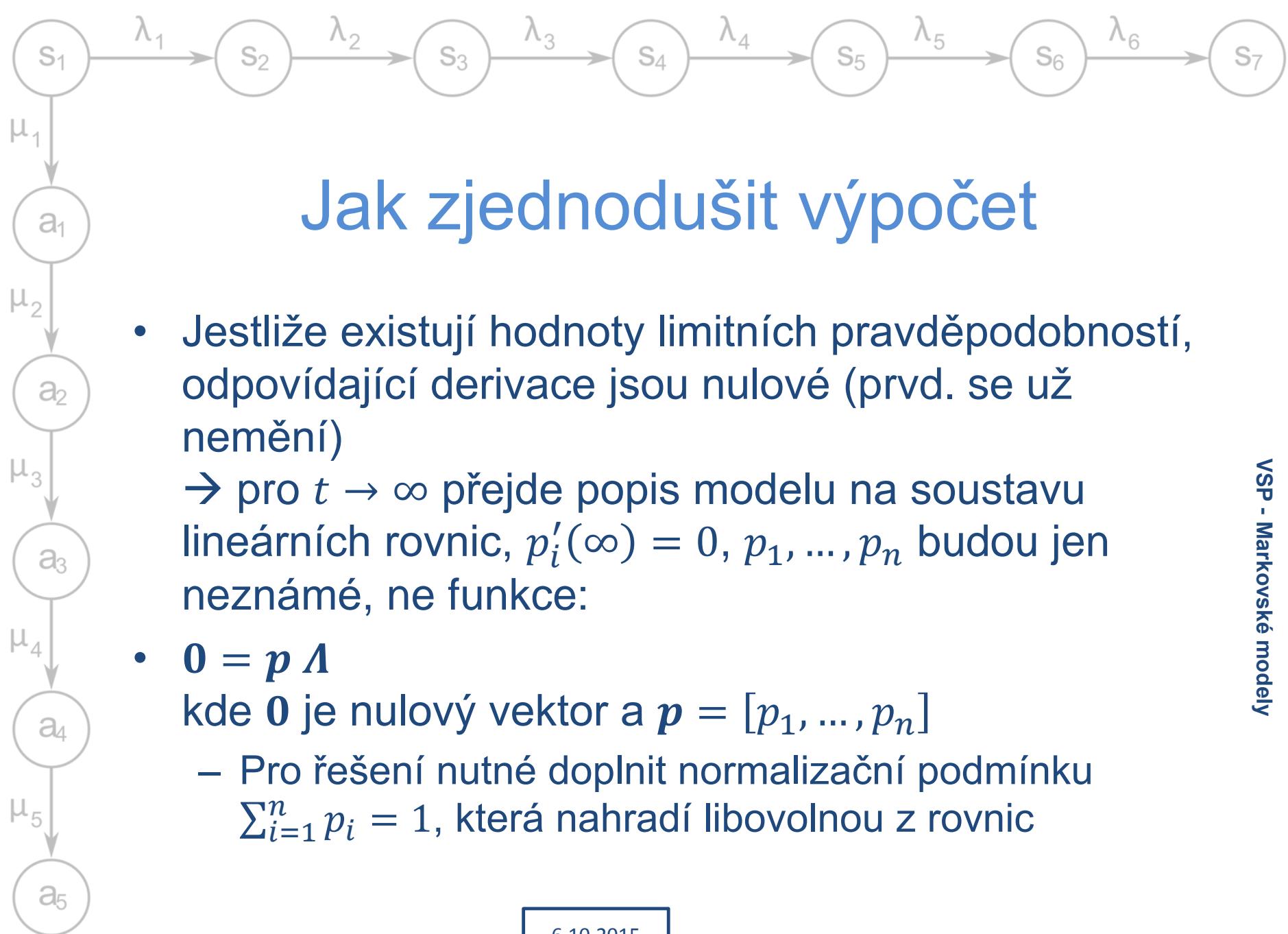


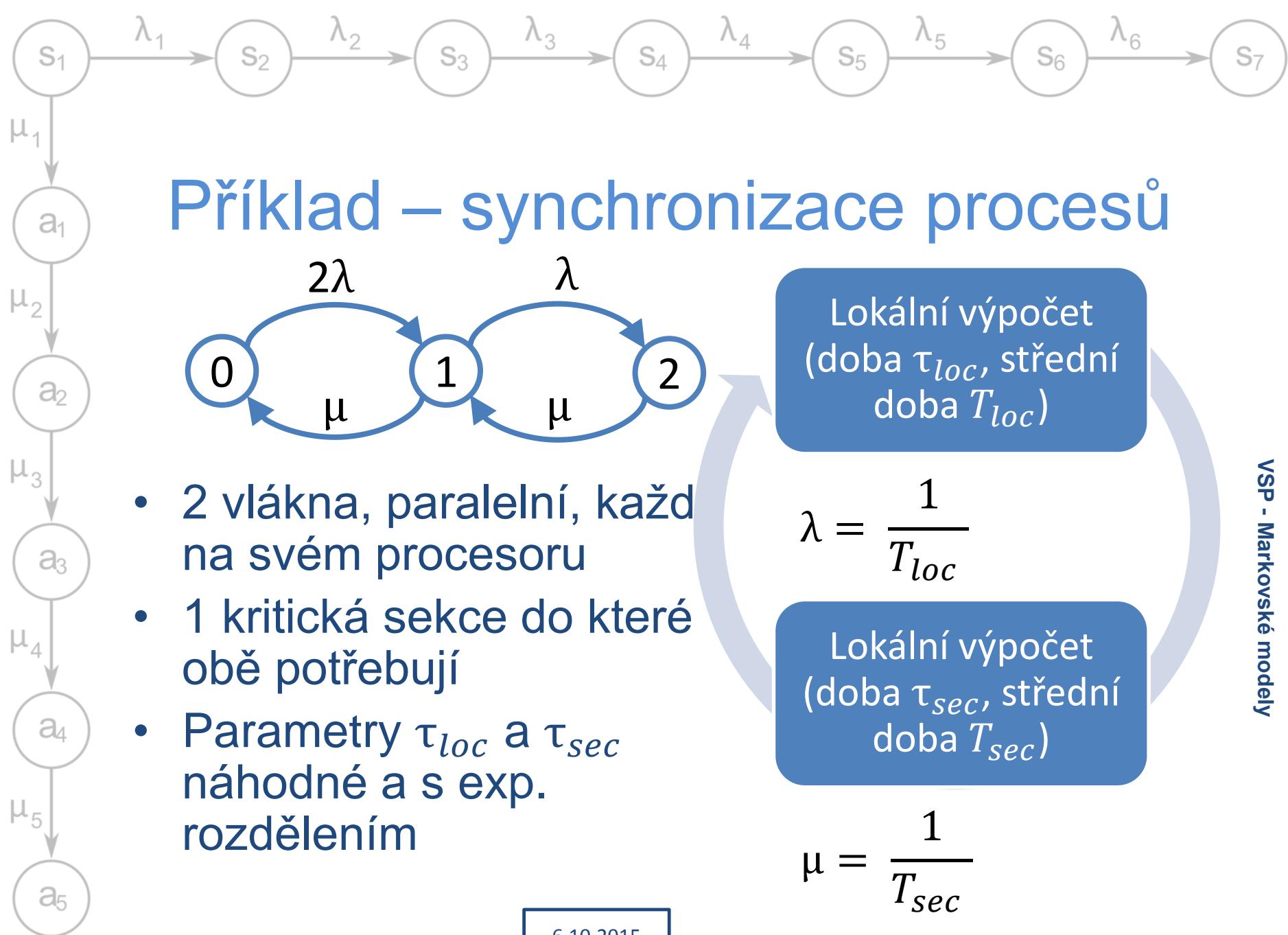


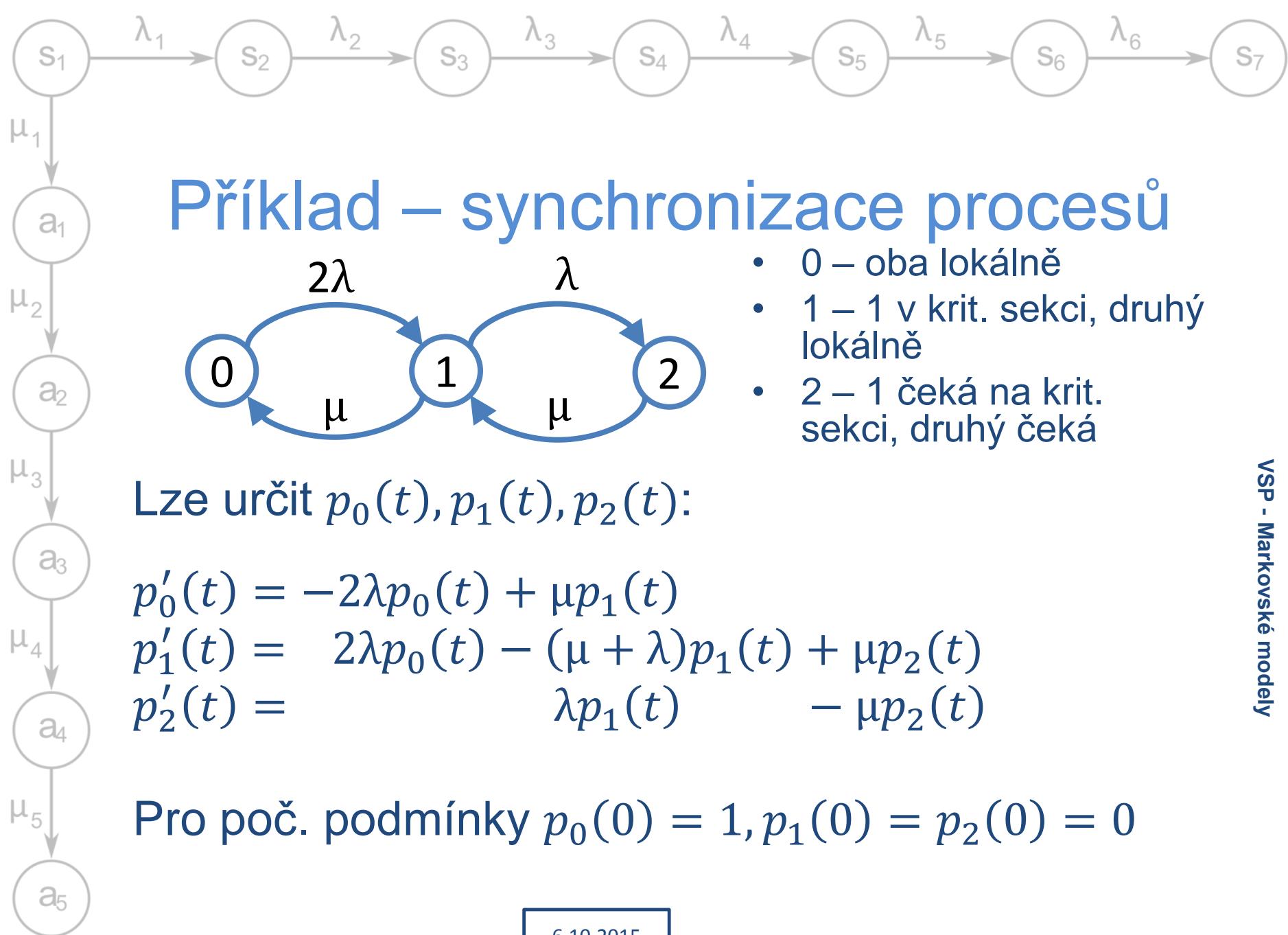


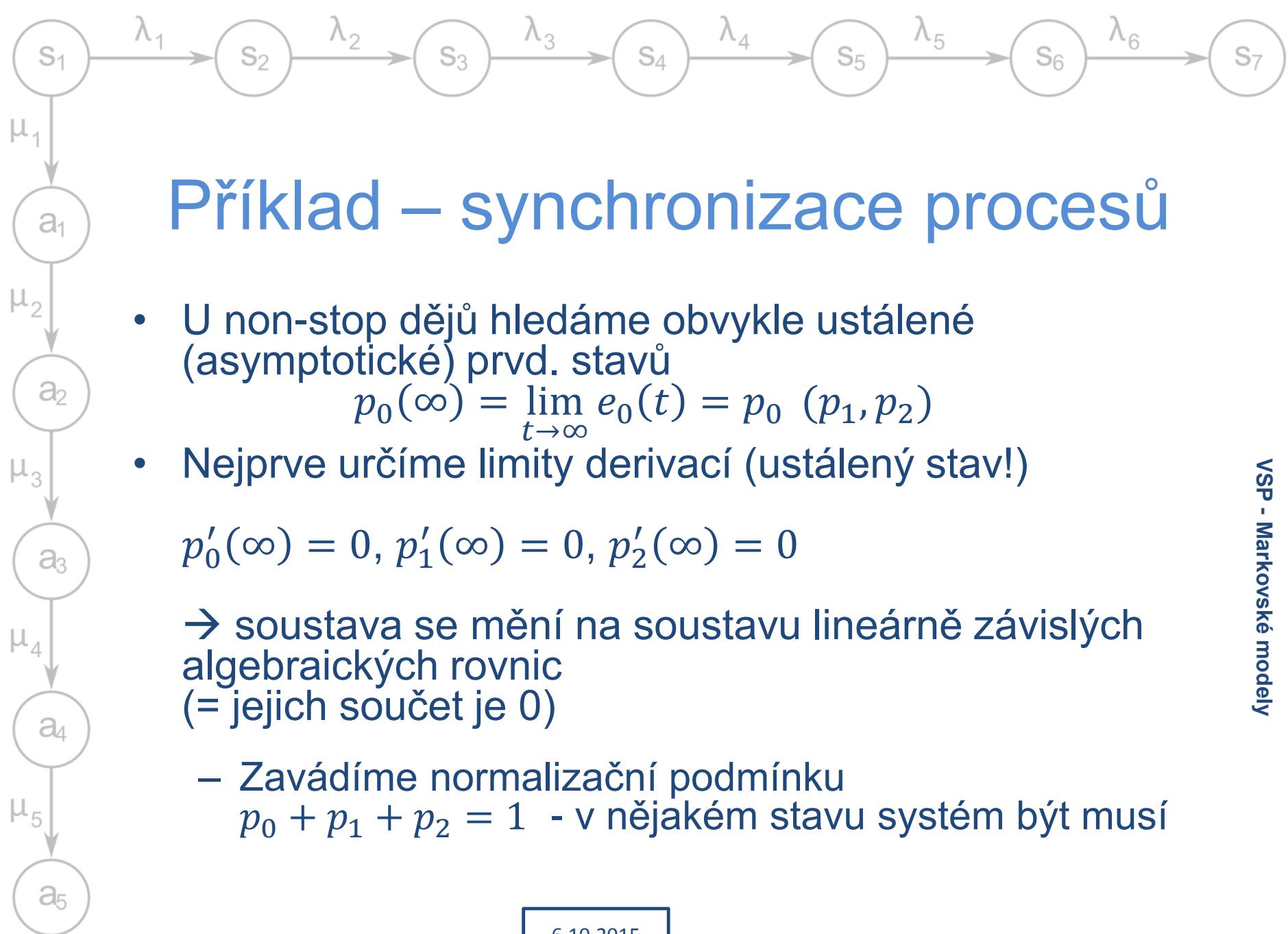


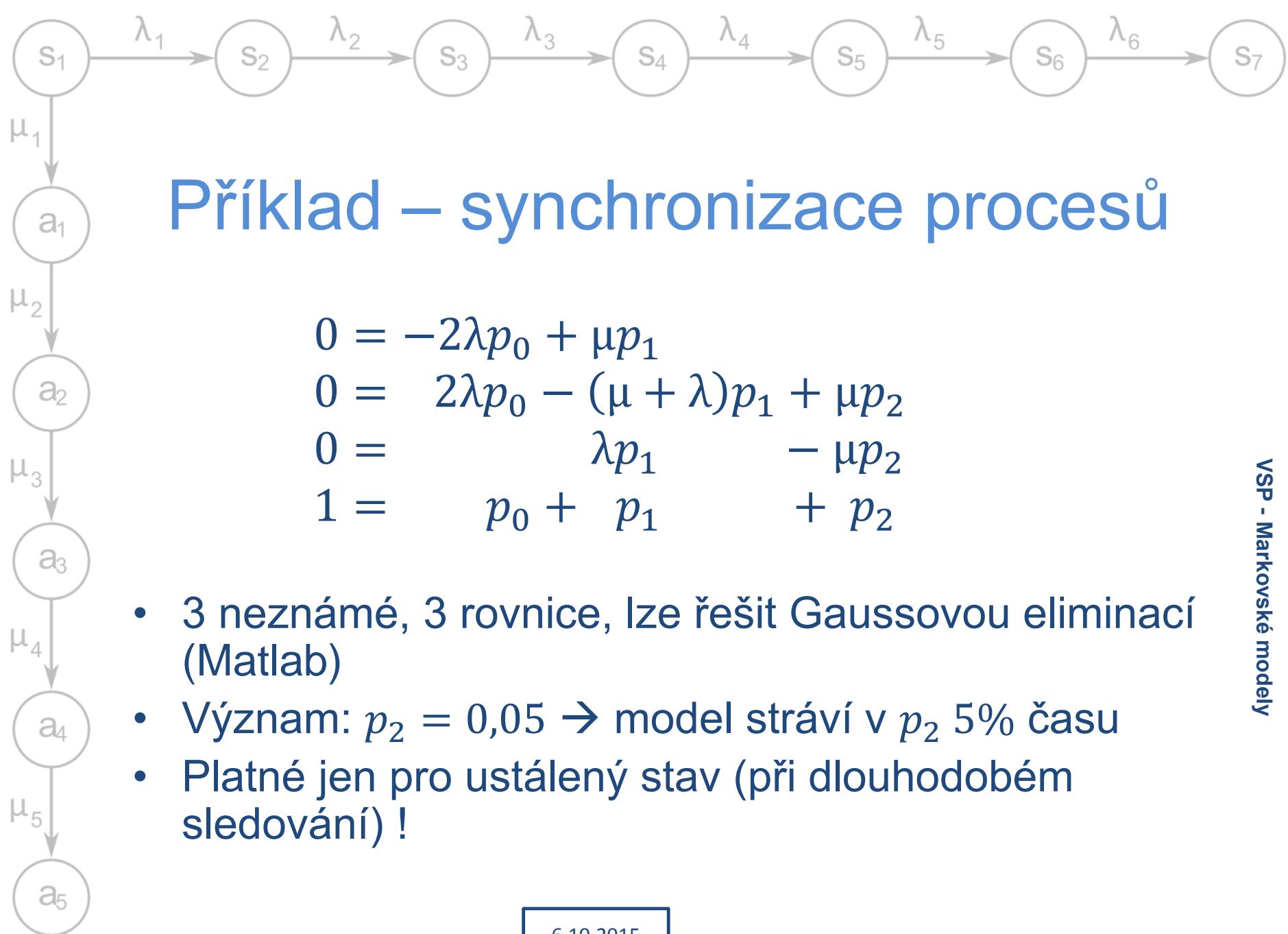


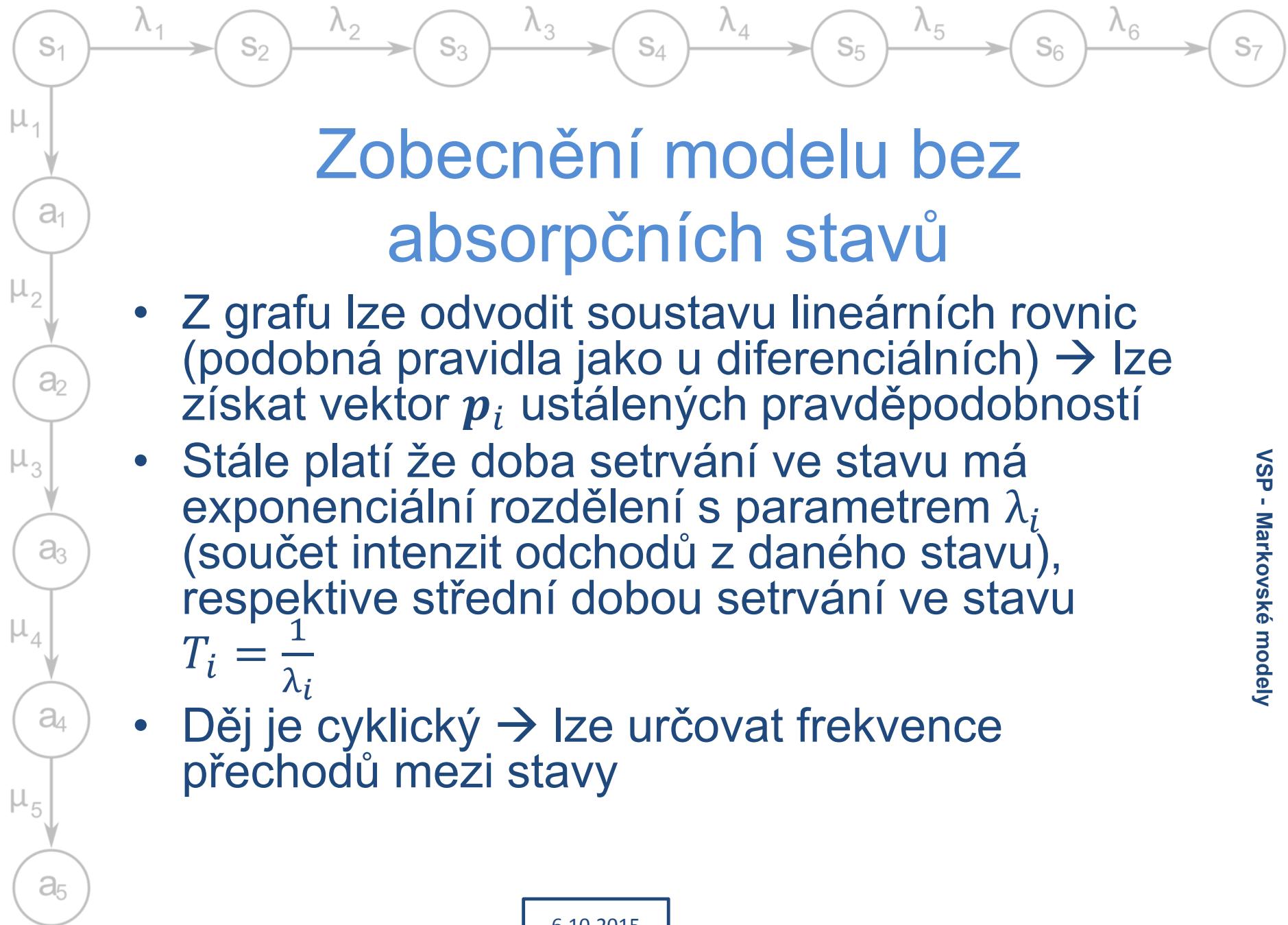


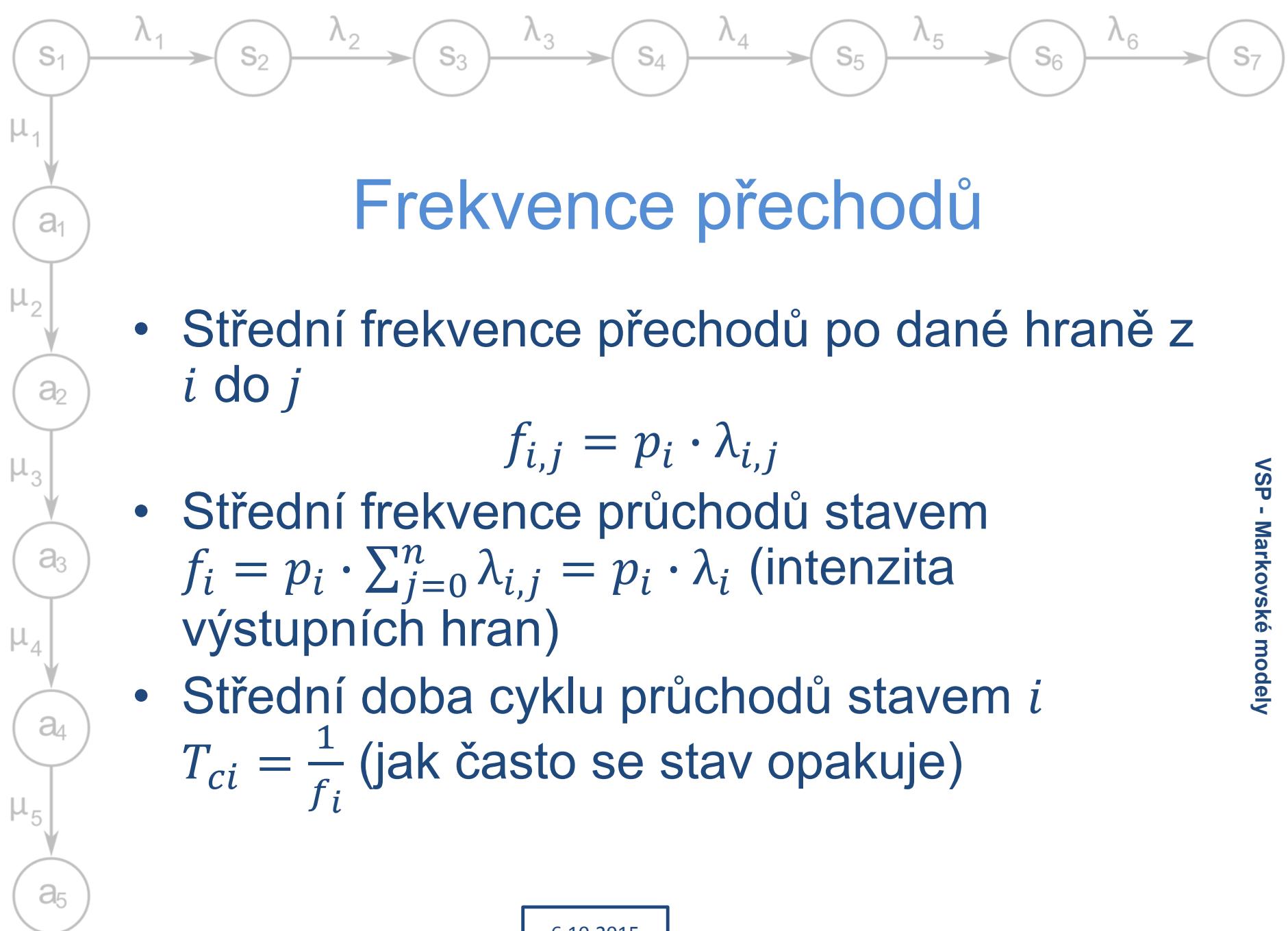






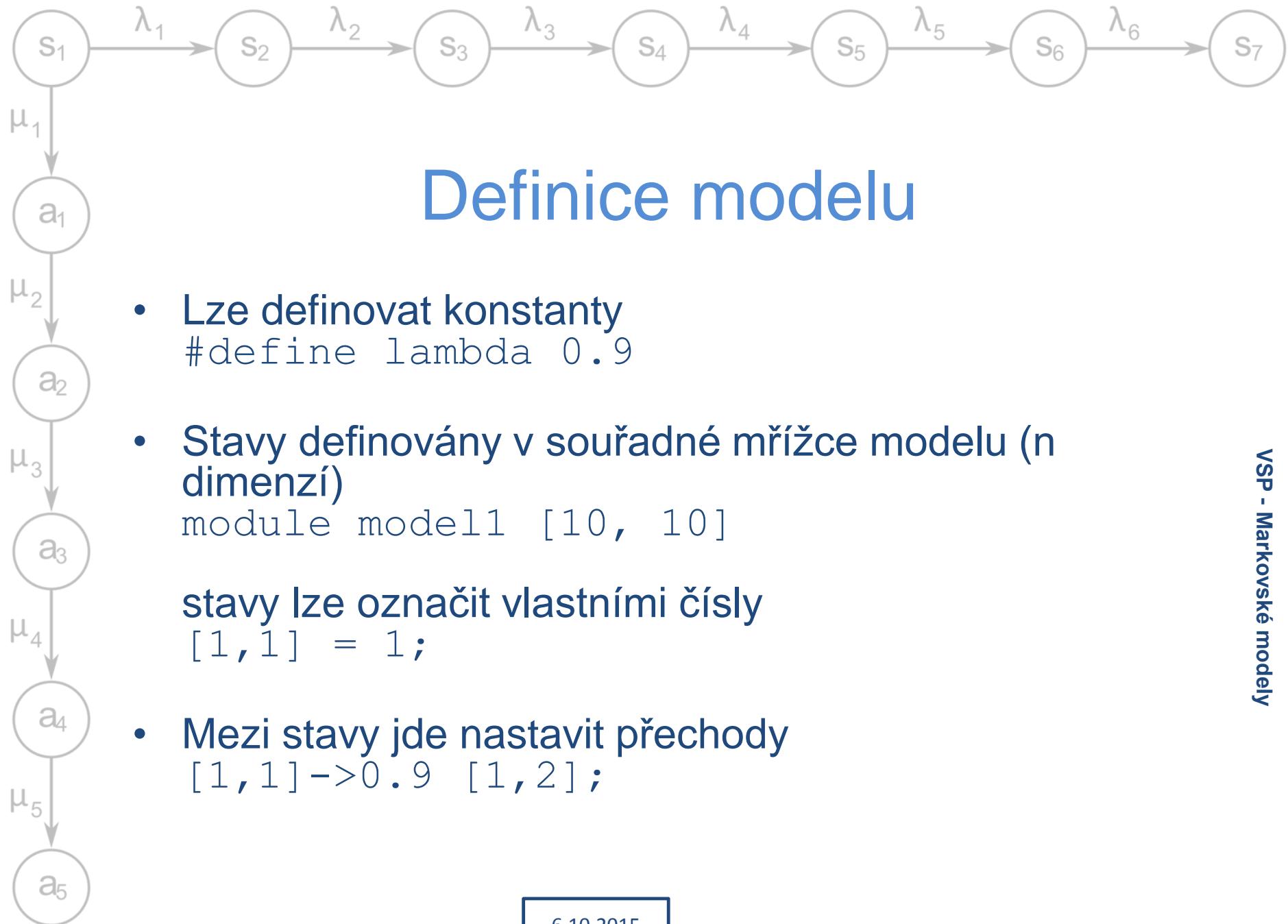


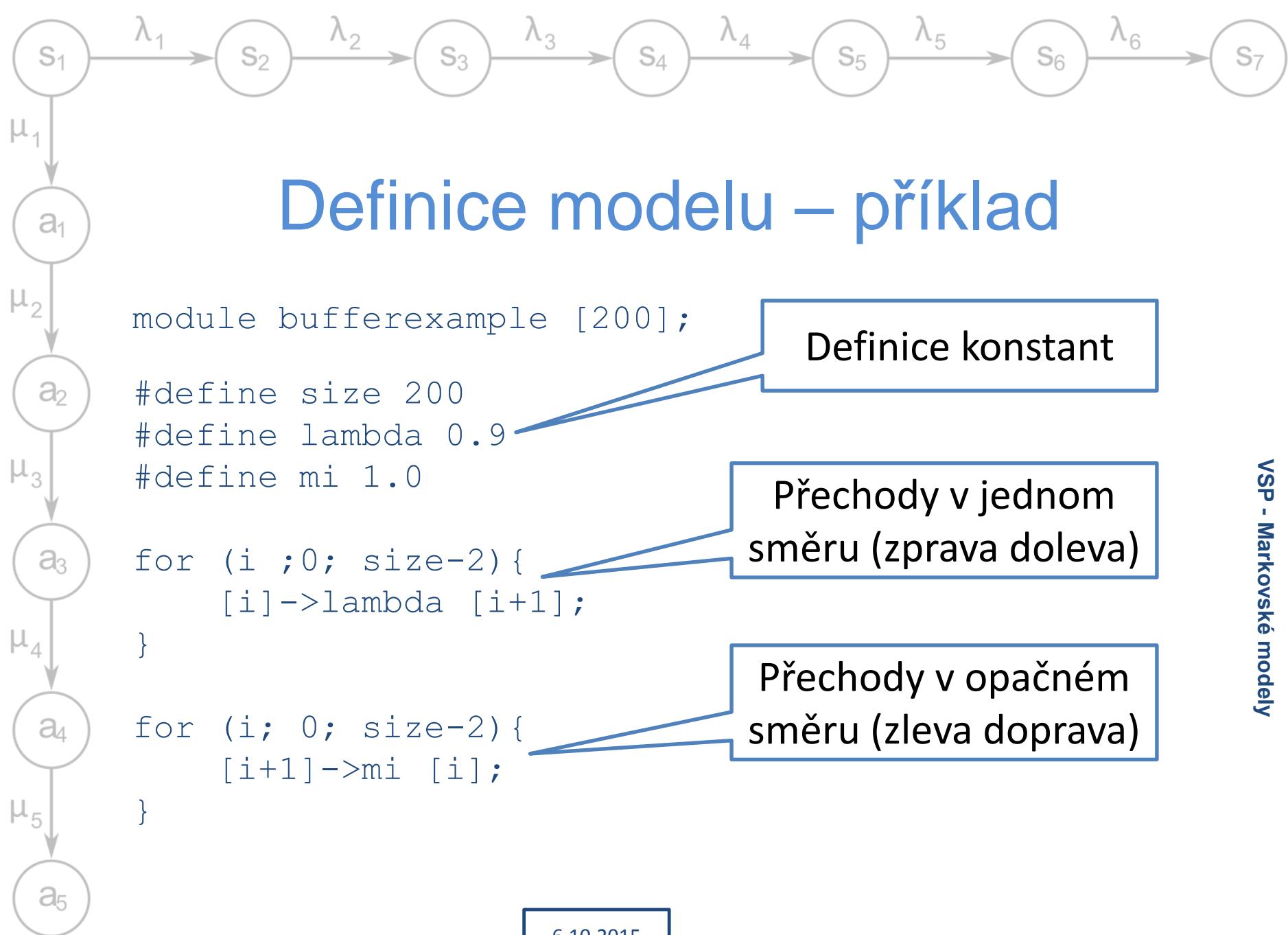


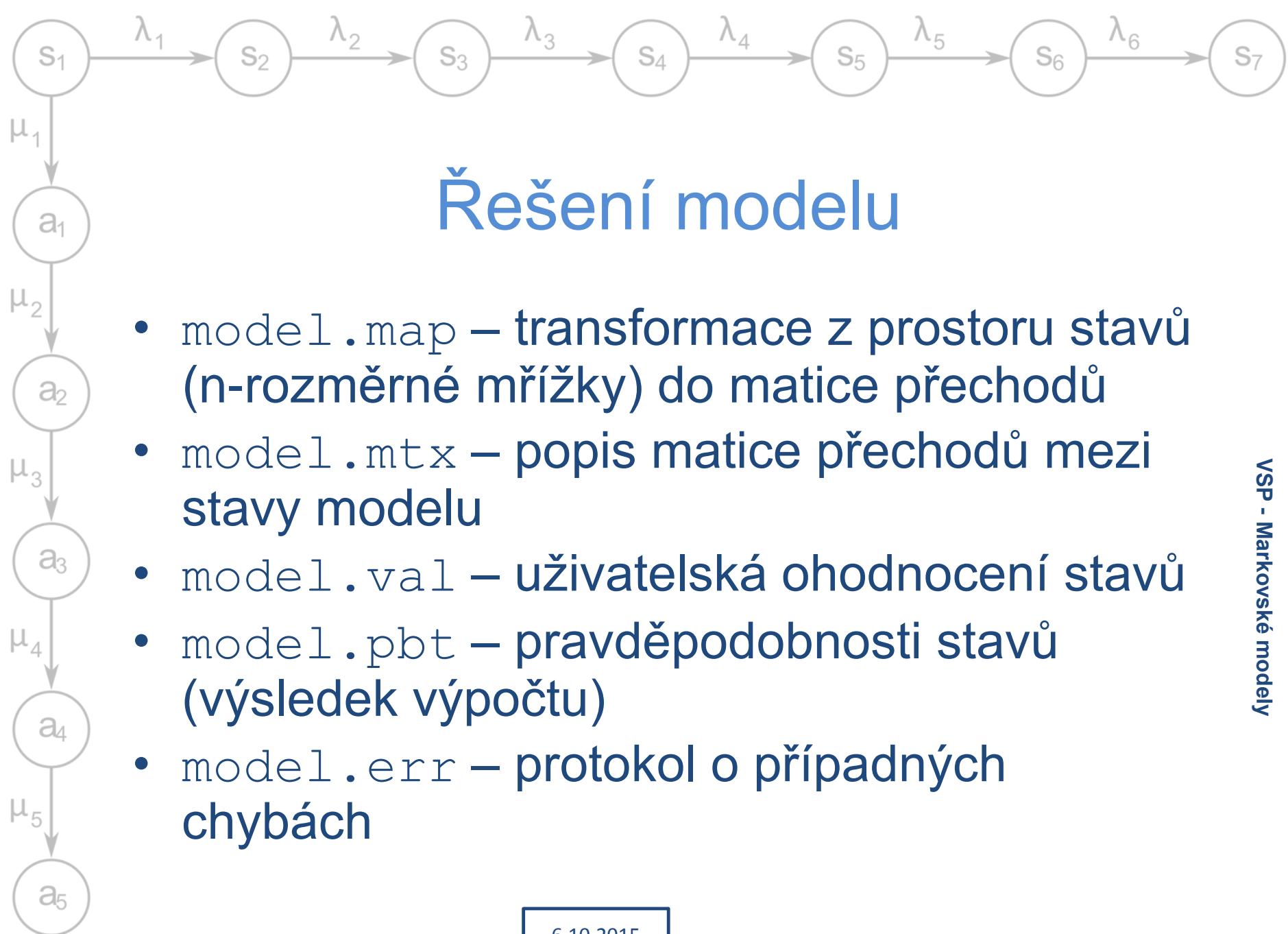


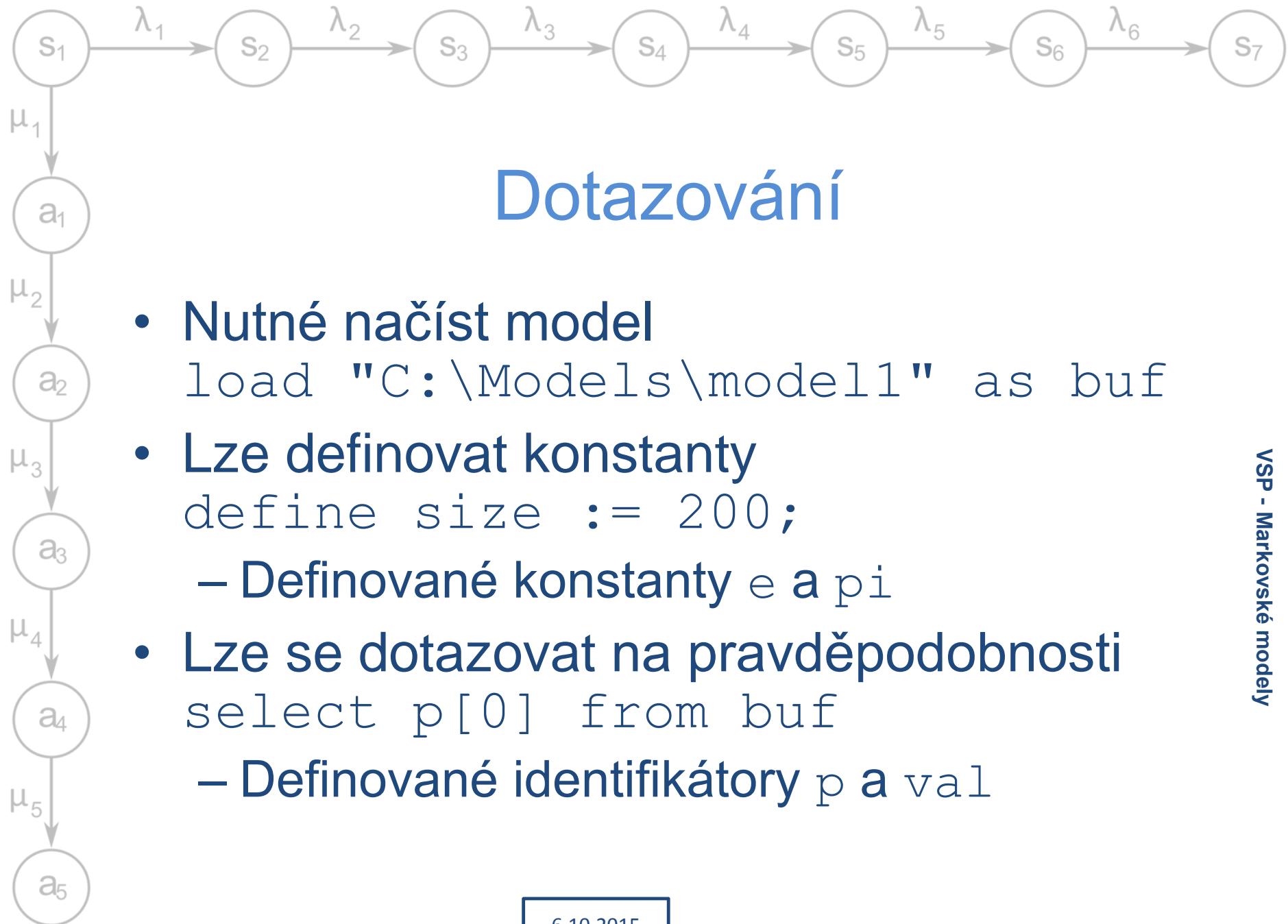


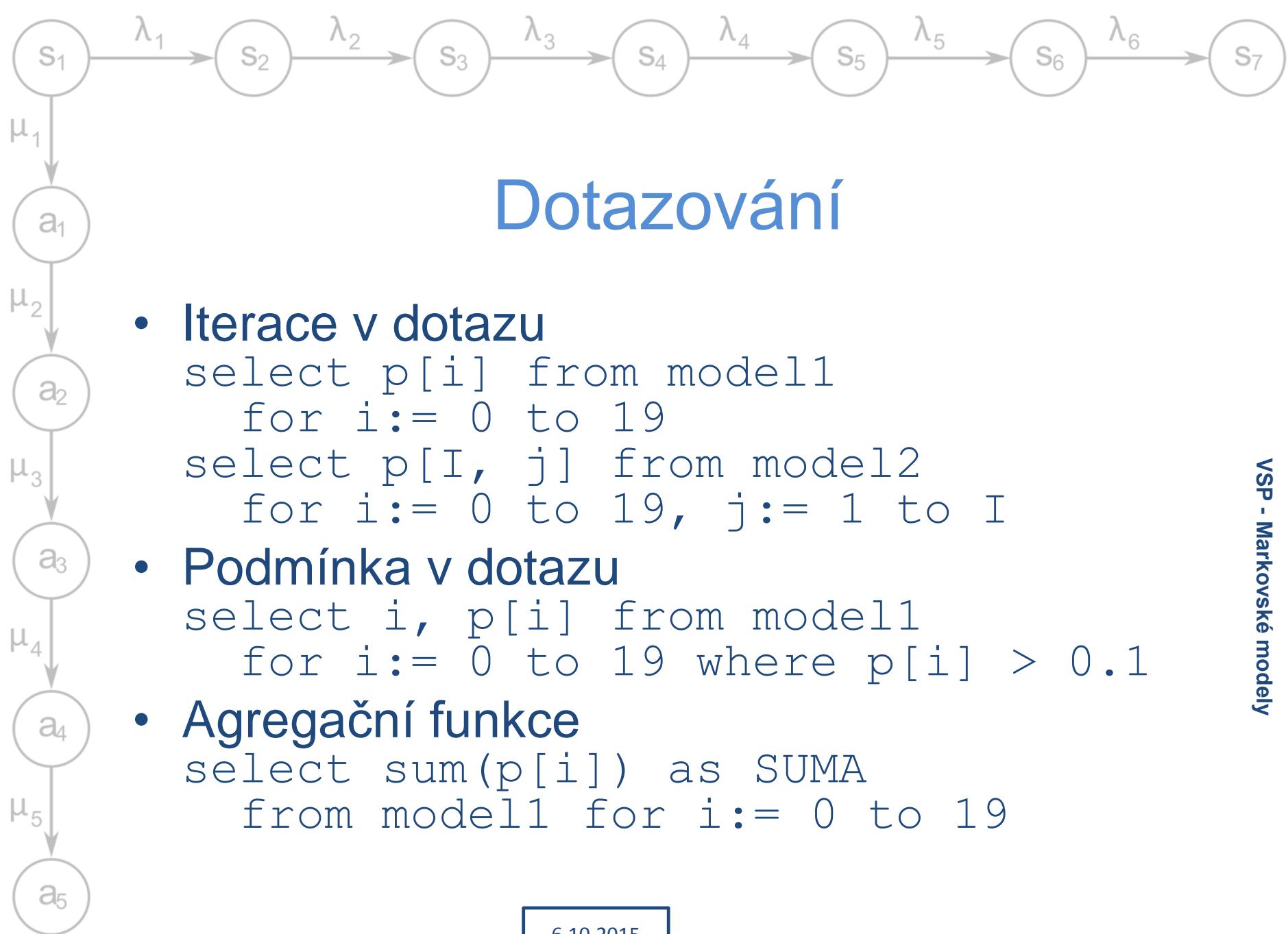


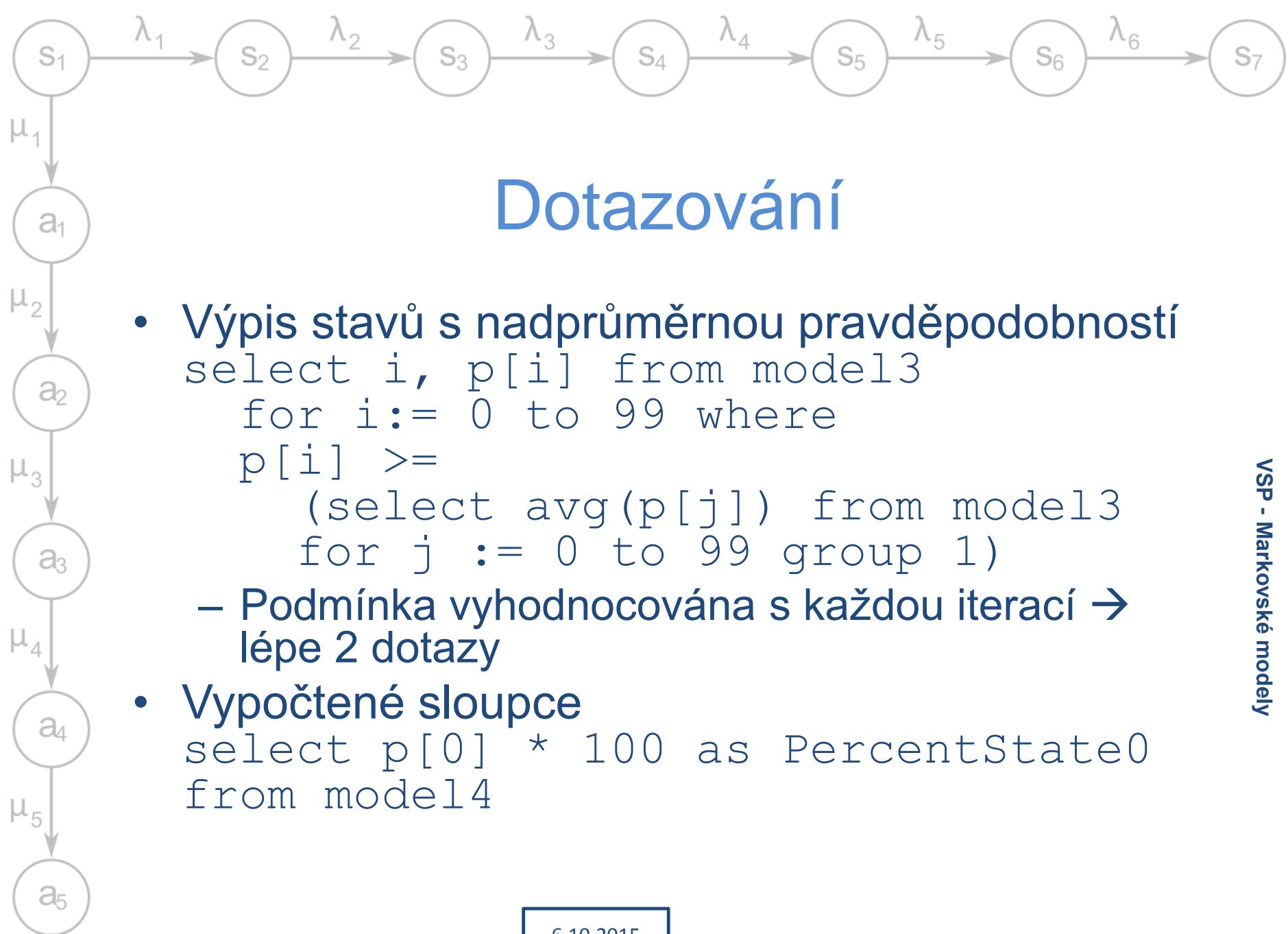


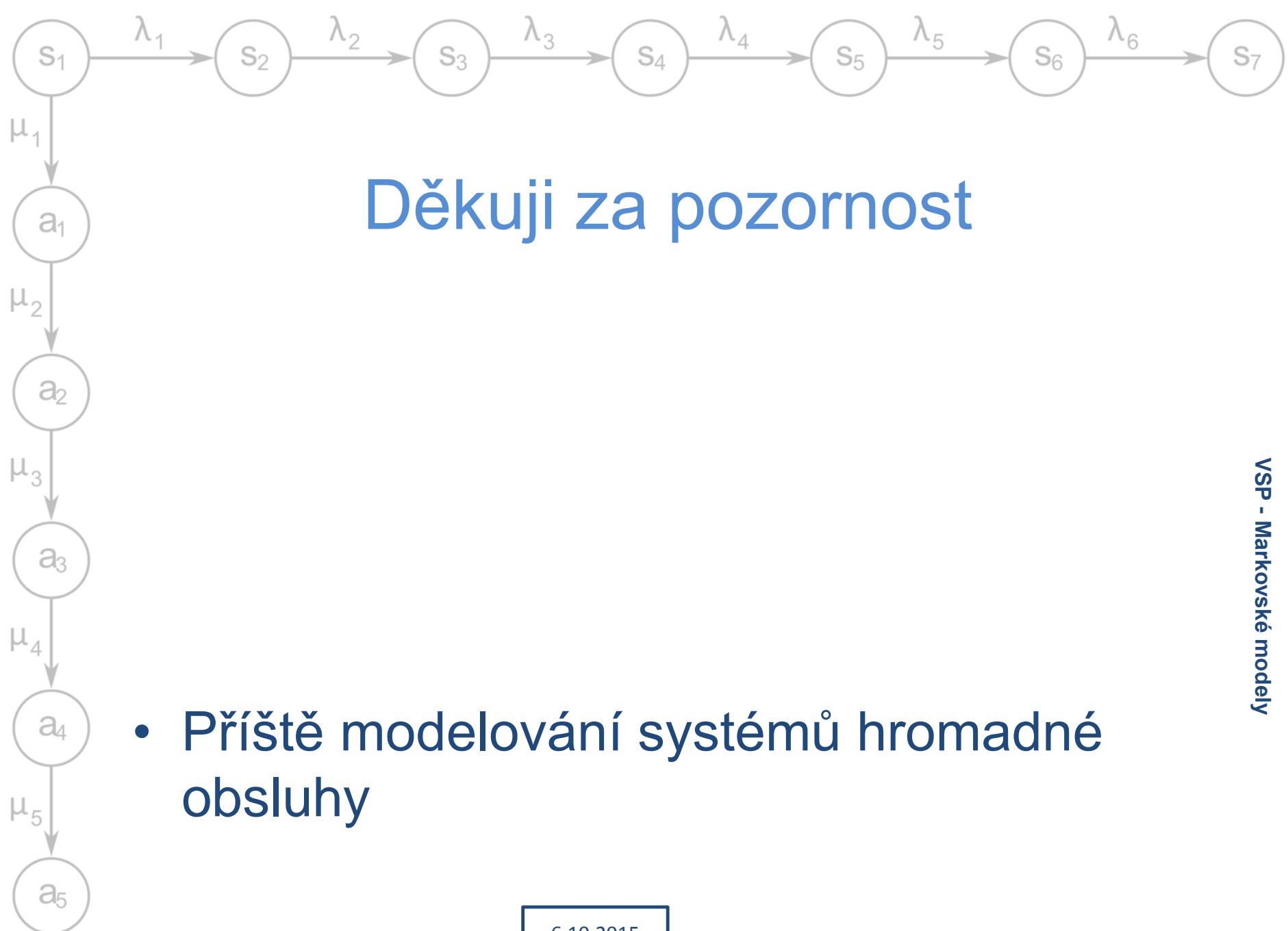












Děkuji za pozornost

- Příště modelování systémů hromadné obsluhy