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<pre>26 DTU Compute</pre>	a_open.py , 👁 lecture		ecture 12 2 May, 2025















A-methods and value-function approximations
Online
$$\lambda$$
-return

$$\begin{aligned}
G_{t:h}^{\lambda} &= (1-\lambda) \sum_{n=1}^{h-t-1} \lambda^{n-1} G_{t:t+n} + \lambda^{h-t-1} G_{t:h}, \quad 0 \leq t < h \leq T \\
&= 0 \text{ nce we have observed } h \text{ steps of an episode, we can evaluate} \\
&= G_{0:h}^{\lambda}, G_{1:h}^{\lambda}, \dots, G_{h-1:h}^{\lambda} \\
&= 0 \text{ nline } \lambda \text{-return: After } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
&= 0 \text{ nline } \lambda \text{-return: After } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
&= 0 \text{ nline } \lambda \text{-return: After } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
&= 0 \text{ nline } \lambda \text{-return: After } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
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&= 0 \text{ nline } \lambda \text{-returns} \text{ after } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
&= 0 \text{ nline } \lambda \text{-returns} \text{ after } h \text{ steps, perform } h \text{ updates corresponding to all } h \text{ returns} \\
&= 0 \text{ nline } \lambda \text{-returns} \text{ after } h \text{ a} [G_{h,1}^{\lambda} - \hat{v}(S_0, w_0^1)] \nabla \hat{v}(S_0, w_0^1), \\
&= 0 \text{ after } 1 \text{ after } h \text{ a} [G_{h,2}^{\lambda} - \hat{v}(S_0, w_0^1)] \nabla \hat{v}(S_0, w_0^1), \\
&= 0 \text{ after } 0 \text{ after$$











