Chapter 6 Solutions

02 February 2022 12:05

Bx 1. CDO premium should be k s.th.

Pa [defat leg] = Ea [prenium log]

which yields

CDO pretim =

5 [Zj (ti) - 2j (ti)] e-rti

\$ 8 [Zuj - Zij - Ea [Zj Ki)] e-1ti

for the travele j, j=1.2.3

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Remark: it is key to compute [2 [2; (4:)], volich is determined by the destribution of total loss L(4).