Solution 23-4

This is an example solution from the forthcoming book Networks and Complexity.
Find more exercises at https://github.com/NC-Book/NCB

Ex 23.4: Kirchhoff proof [5]

Find a 'forward' proof for Kirchhoff's theorem, the matrix-tree theorem for weighted directed matrices. (By forward proof we mean a line of reasoning that leads to the result, rather than postulating the result and then proving that it is true.)