

The background features a complex network of thin, light-colored lines forming a web-like structure. Scattered throughout are numerous small, colored dots in shades of green, blue, and orange. A prominent, thicker red line forms a large, irregular loop in the center. The overall color palette is muted, with a mix of earthy and cool tones.

7.1. Sequential Pattern and Sequential Pattern Mining In-Lecture Question

Question

For the given sequence database, which of the following is not a subsequence of any sequences in the database?

- ☐ <accc>
- ☐ <aa(bc)>
- ☐ <f(ba)fb>
- ☐ <abcd>

SID	Sequence
10	<a(abc)(ac)d(cf)>
20	<(ad)c(bc)(ae)>
30	<(ef)(ab)(df)cb>
40	<eg(af)cbc>

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☐ **Answer:** <aa(bc)>

- ☐ <accc> is a subsequence of SID-10.
- ☐ <f(ba)fb> is a subsequence of SID-30. The order of items within an element does not matter.
- ☐ <abcd> is a subsequence of SID-10.