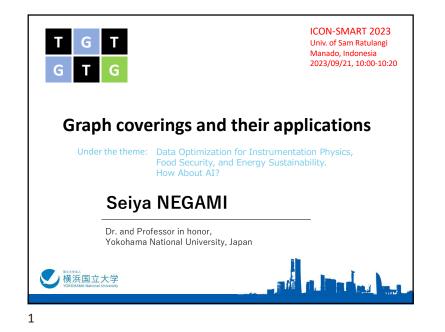
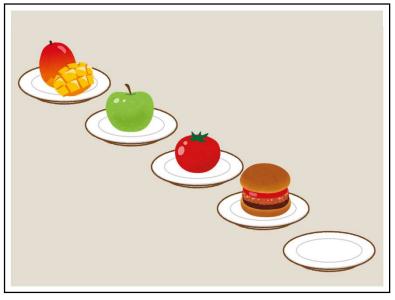
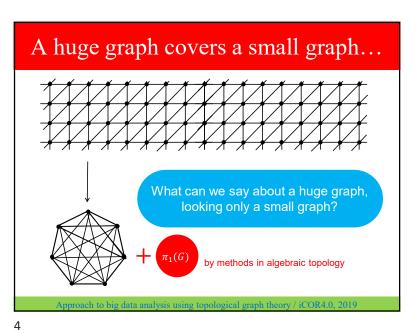
1



Graph covering... There is a bijection between the neighbors of corresponding vertices. Covering graph $1 \rightarrow \frac{2}{6} \rightarrow \frac{5}{1} \rightarrow \frac{1}{3} \rightarrow \frac{4}{6} \rightarrow \frac{2}{6} \rightarrow \frac{1}{3} \rightarrow \frac{1}{3} \rightarrow \frac{1}{6} \rightarrow \frac{$

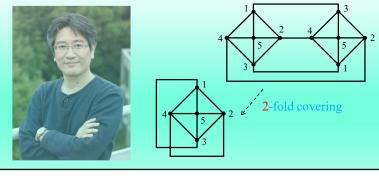


2

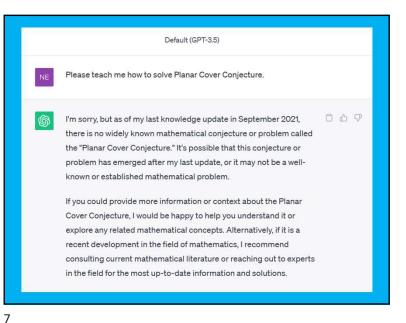


Planar Cover Conjecture 1986

If a connected graph G has a finite planar covering, then G has a 2-fold planar covering.



5



	Default (GPT-3.5)
NE	Please teach me how to solve Planar Cover Conjecture.
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Graph Covering Trilogy

- Another approach to Planar Cover Conjecture focusing on rotation systems to appear in *J. Math. Soc. Japan* (2023)
- Note on graph coverings with voltage assignments Yokohama Math. J. 68 (2022), 109-126.
- Composite coverings of graphs and <u>cryptography</u> preprint 2023.

