

永中鍾定柳

DATE 2024

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NO 39

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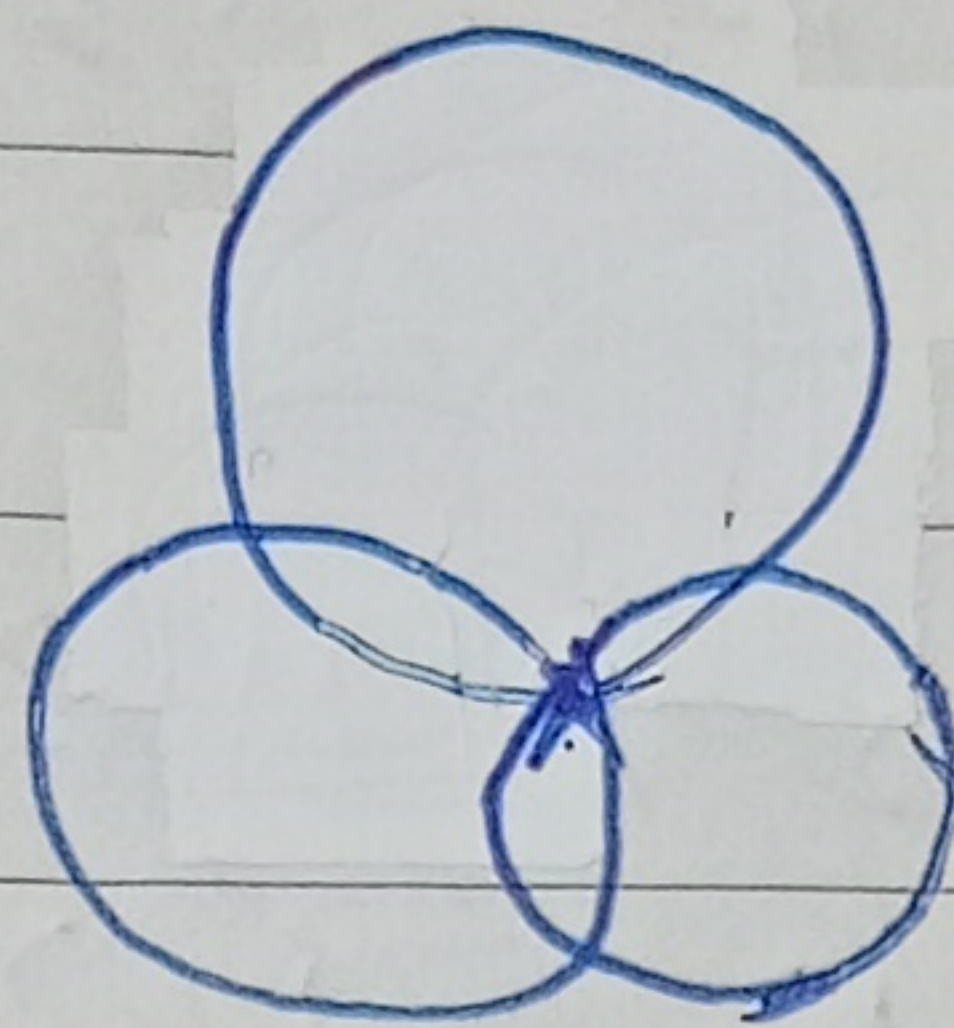
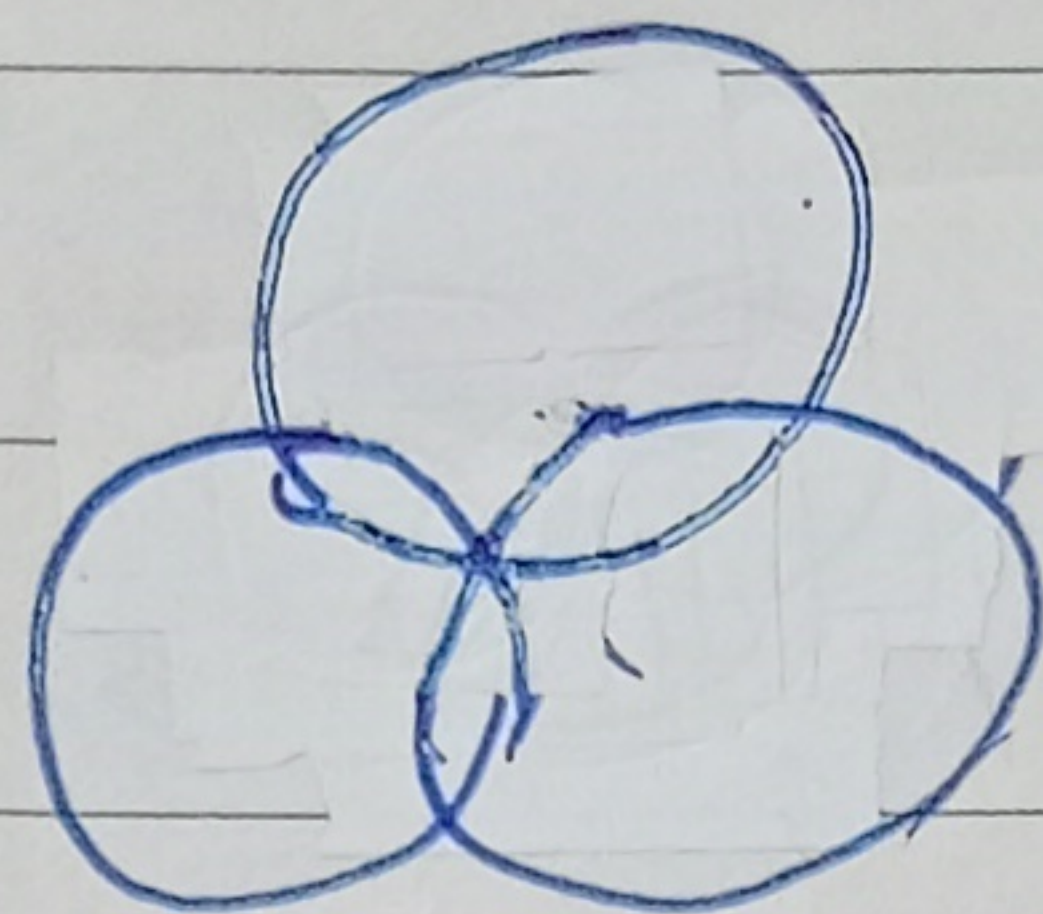
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ex. 2 如上, 若 n 個圓皆須通過一固定點, 求

1) a_3, a_4, a_5

$$a_3 = 7 \#$$

$$a_4 = 11 \#$$



$$a_5 = 16 \#$$

2) a_n 遞迴式

$$\begin{cases} a_1 = 2 \\ a_n = a_{n-1} + n \quad n \geq 2 \end{cases} \#$$