

Title: Aissa's Group

Date: Aug 27, 2004 10:15 AM

URL: <http://pirsa.org/04080013>

Abstract:

$$K = 1.38 \times 10^{-23}$$

Thermodynamic System

Temperature

Energy

Entropy

Black hole System

Surface Gravity

Mass

Surface

$S =$

Thermodynamic System

Temperature

Energy

Entropy

Black hole System

Surface Gravity

Mass

Surface

$$S = \frac{A k^2}{4 h G}$$

$$K = 1.38 \times 10^{-23}$$

Thermodynamic System

Temperature

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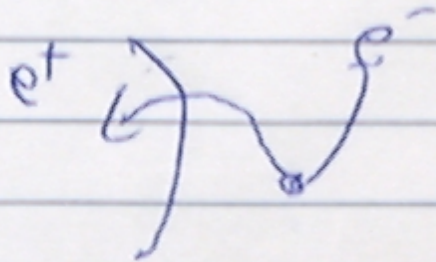
Black hole System

Surface Gravity

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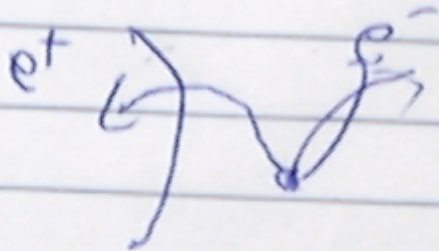
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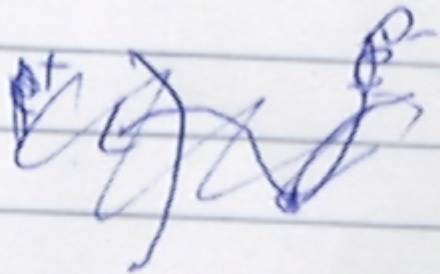
Black hole System

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$$S = \frac{AK^2}{4\hbar G}$$



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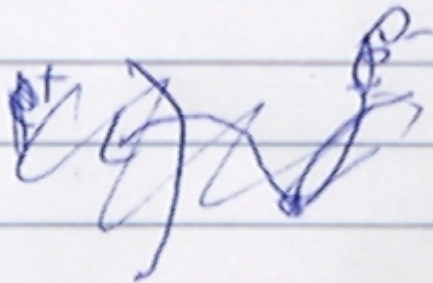
Black hole System

Surface Gravity

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$$S = \frac{AK^2}{4\pi G}$$



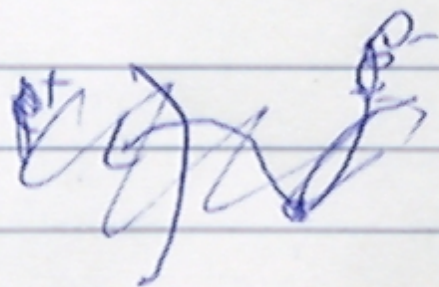
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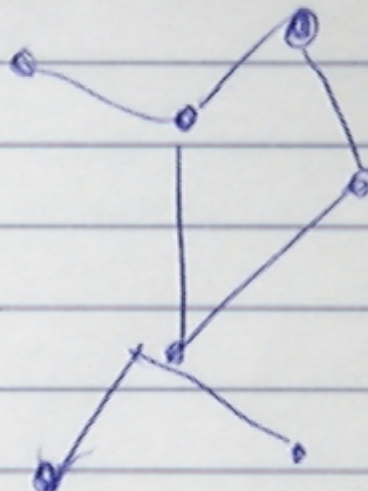


Black hole System

Surface gravity

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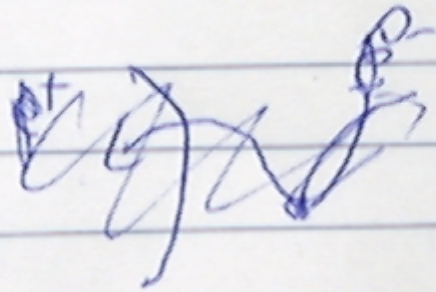
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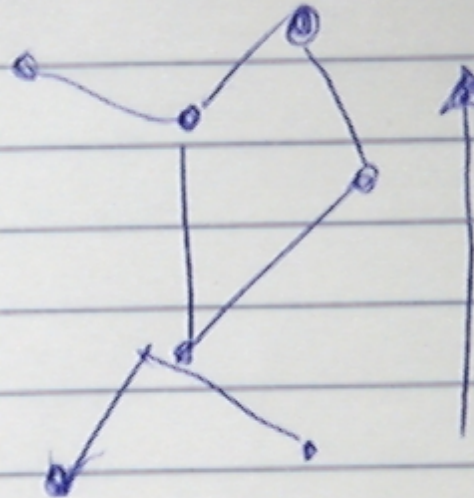


Black hole System

Surface Gravity

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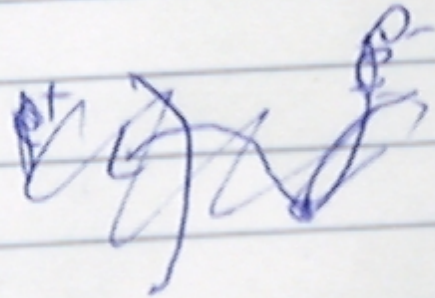
Thermodynamic system

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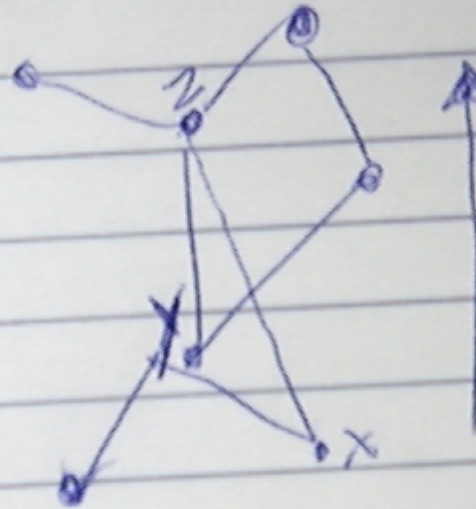
$$S = \frac{A k^2}{4\pi G}$$



Surface gravity

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thermodynamic system

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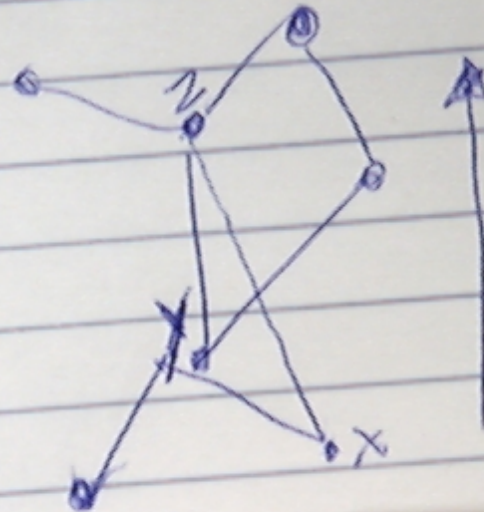
$$S = \frac{A k^2}{4 \hbar G}$$



Surface gravity

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Surface



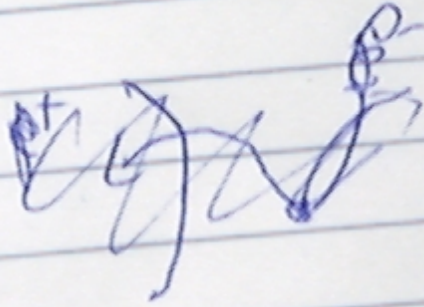
Thermodynamic System

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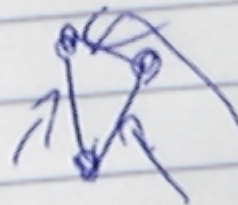
$$S = \frac{A k^2}{4 \hbar G}$$



AdS black hole
Surface gravity

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Surface



$$T_d^2 = x^2 - y^2$$

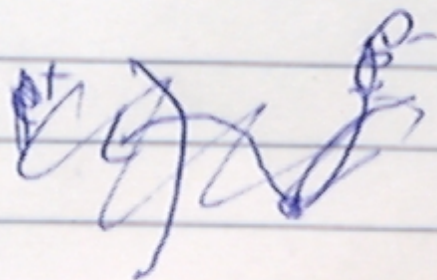
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$$S = \frac{A k^2}{4 \hbar G}$$

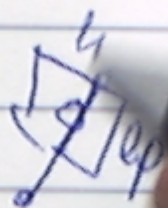
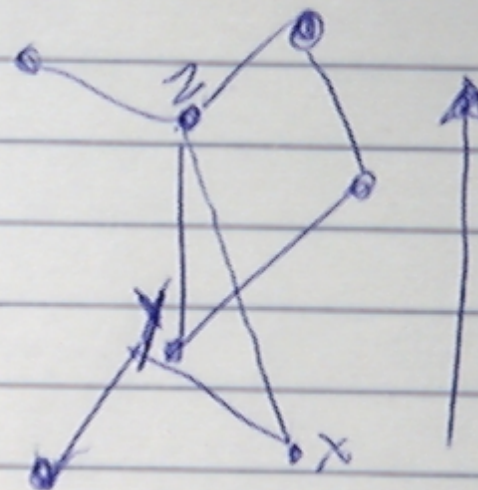


Black hole System

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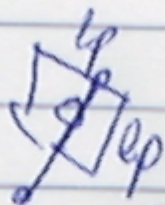
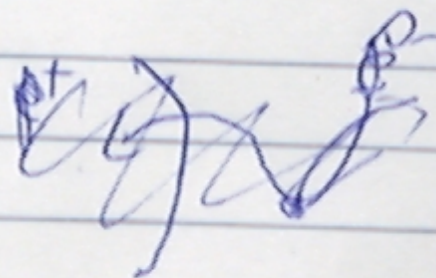
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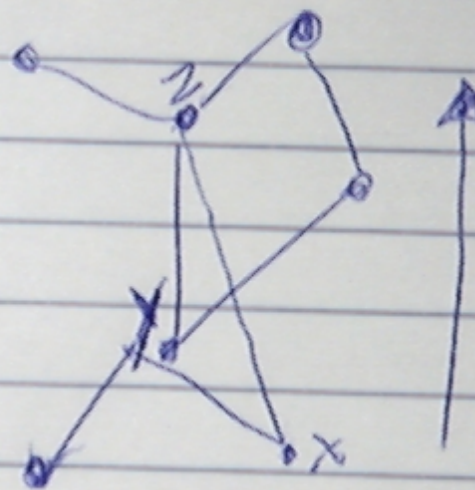


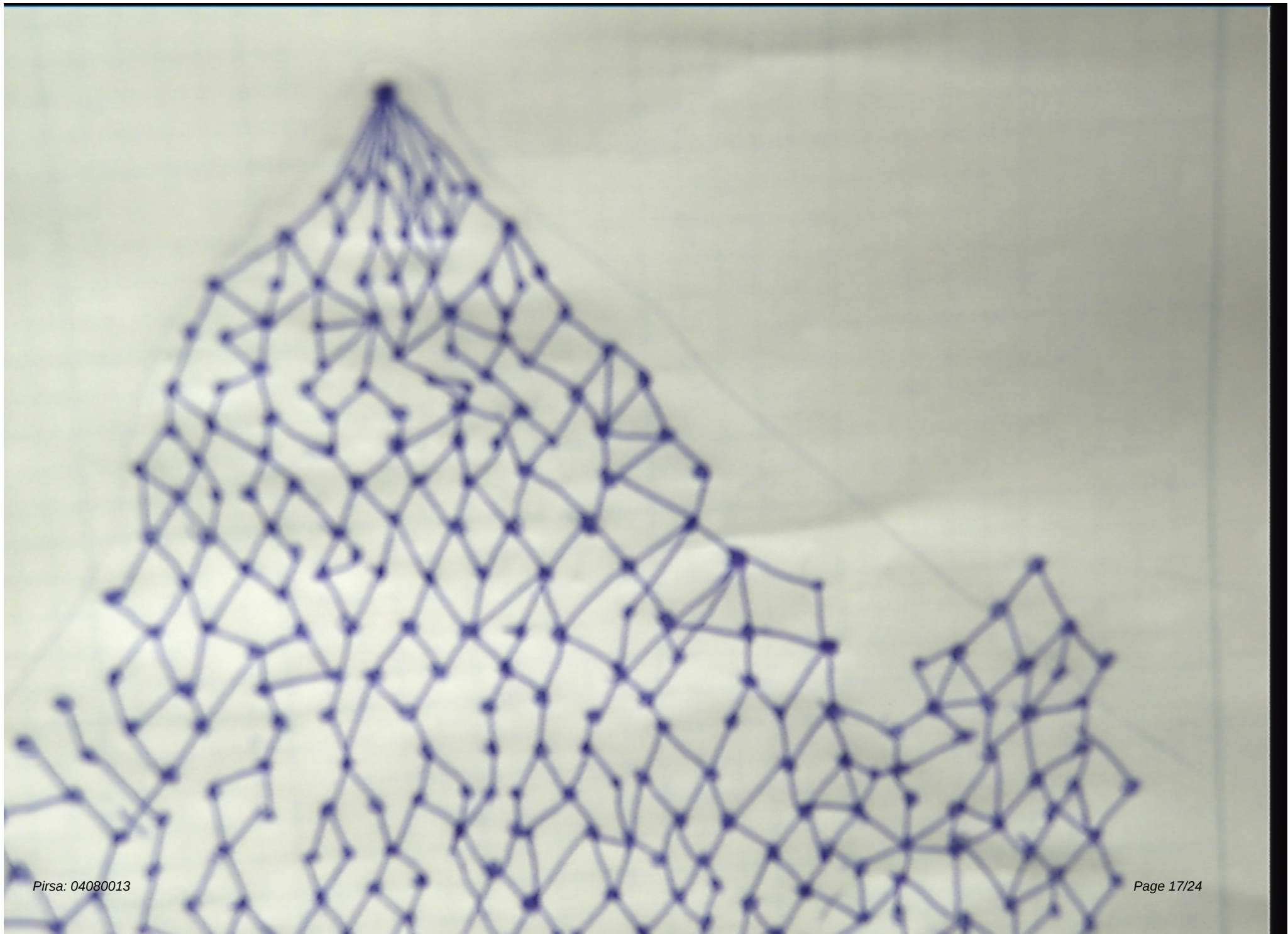
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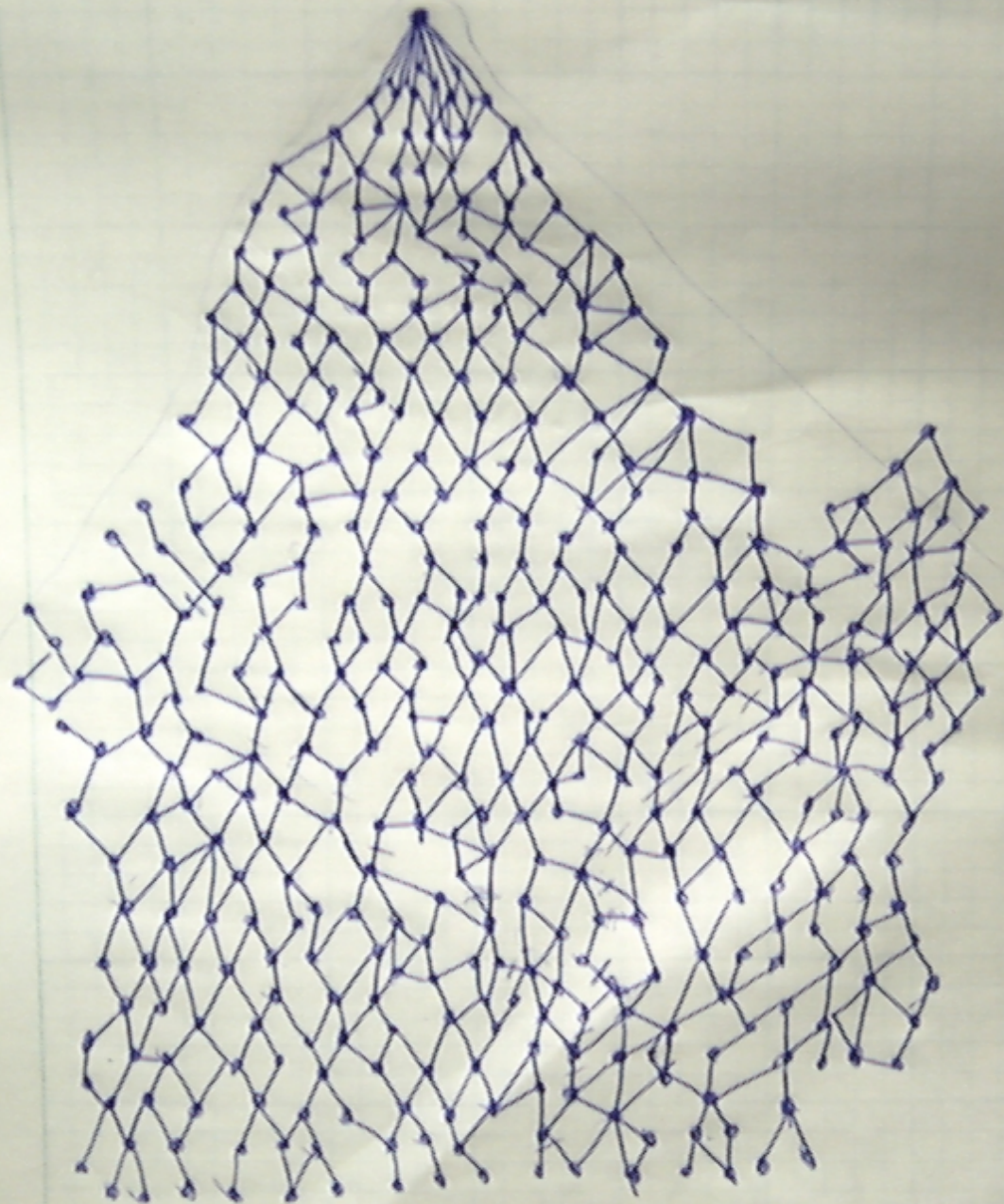
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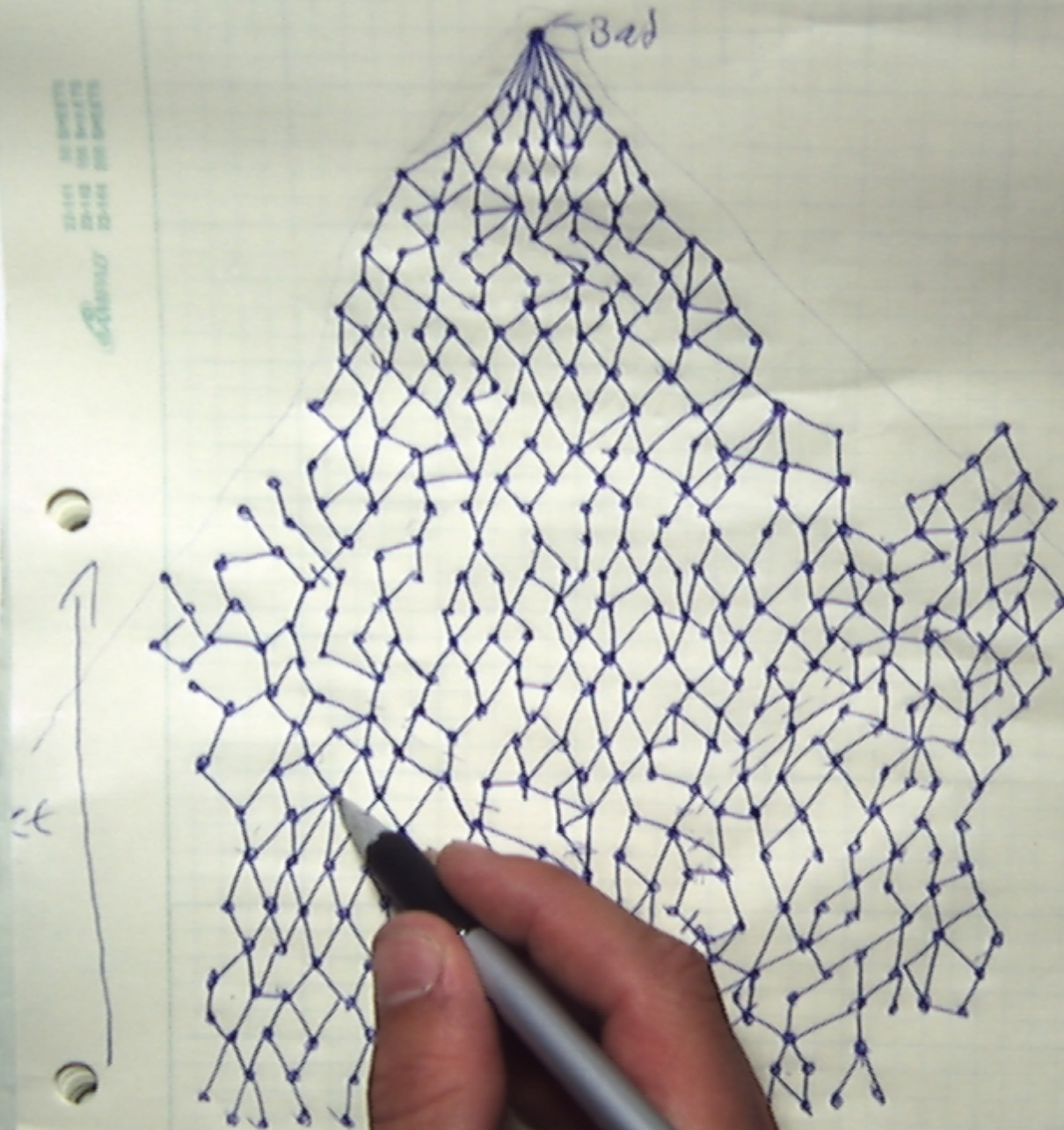




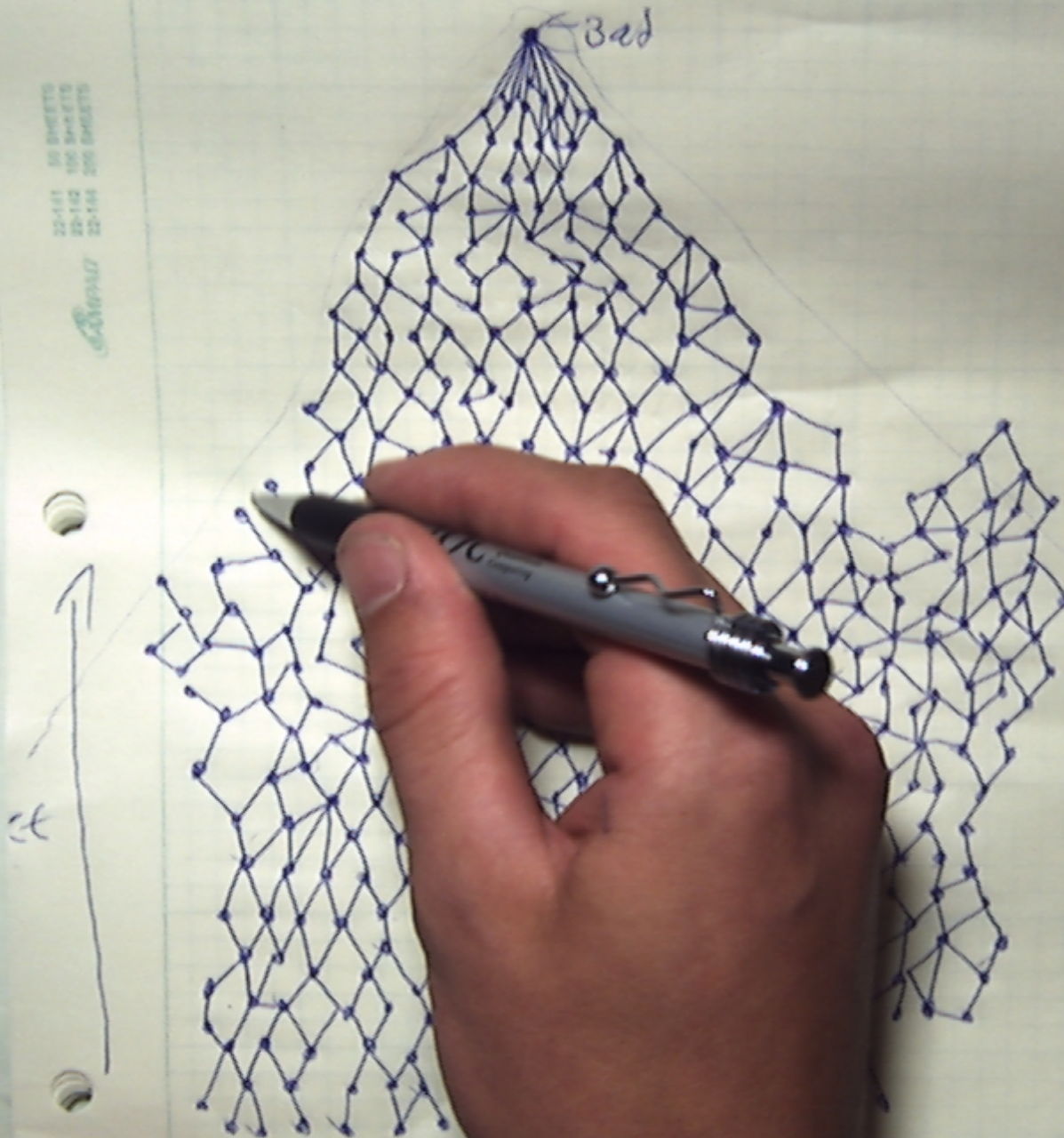
756



$$S = \frac{AK}{756}$$



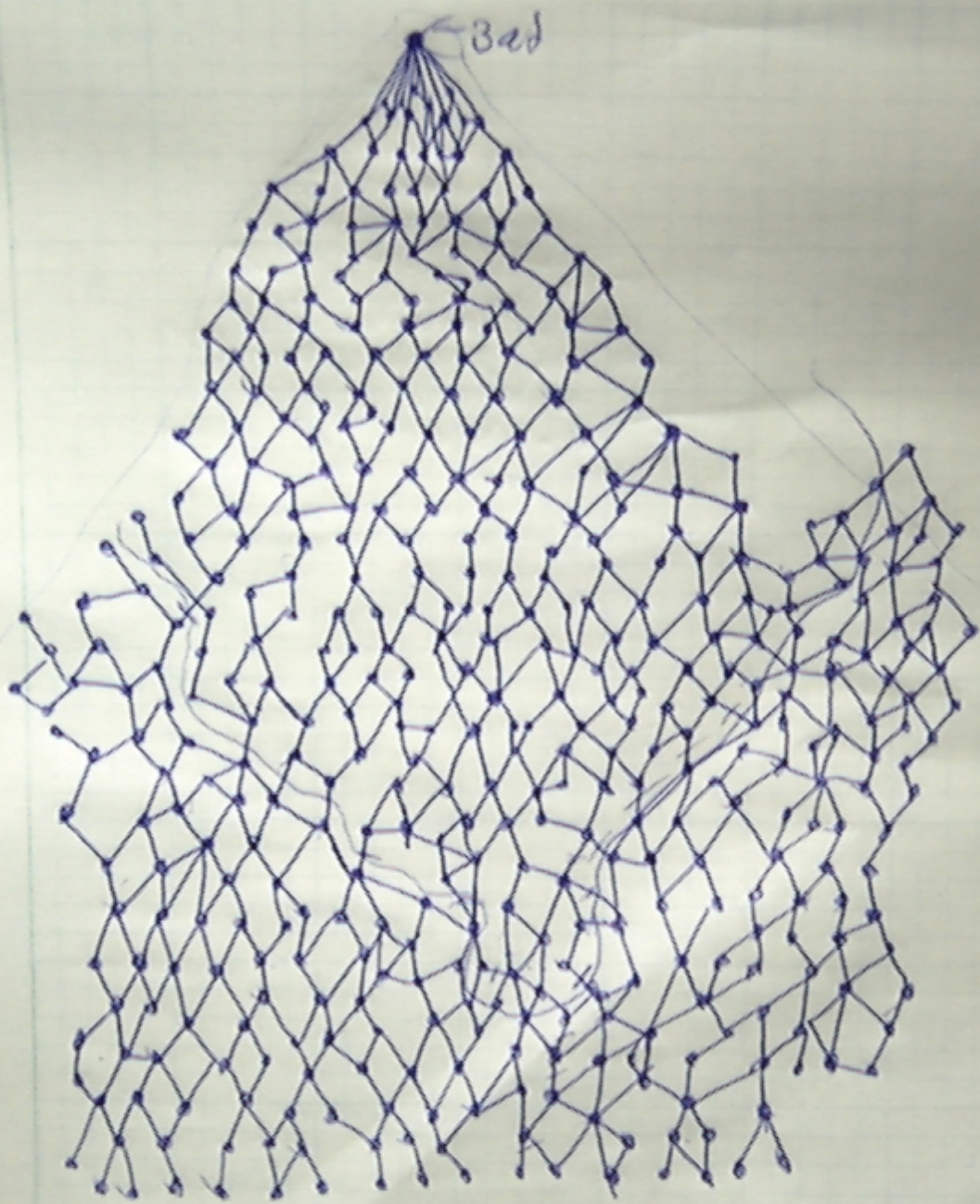
$$S = \frac{AK}{756}$$

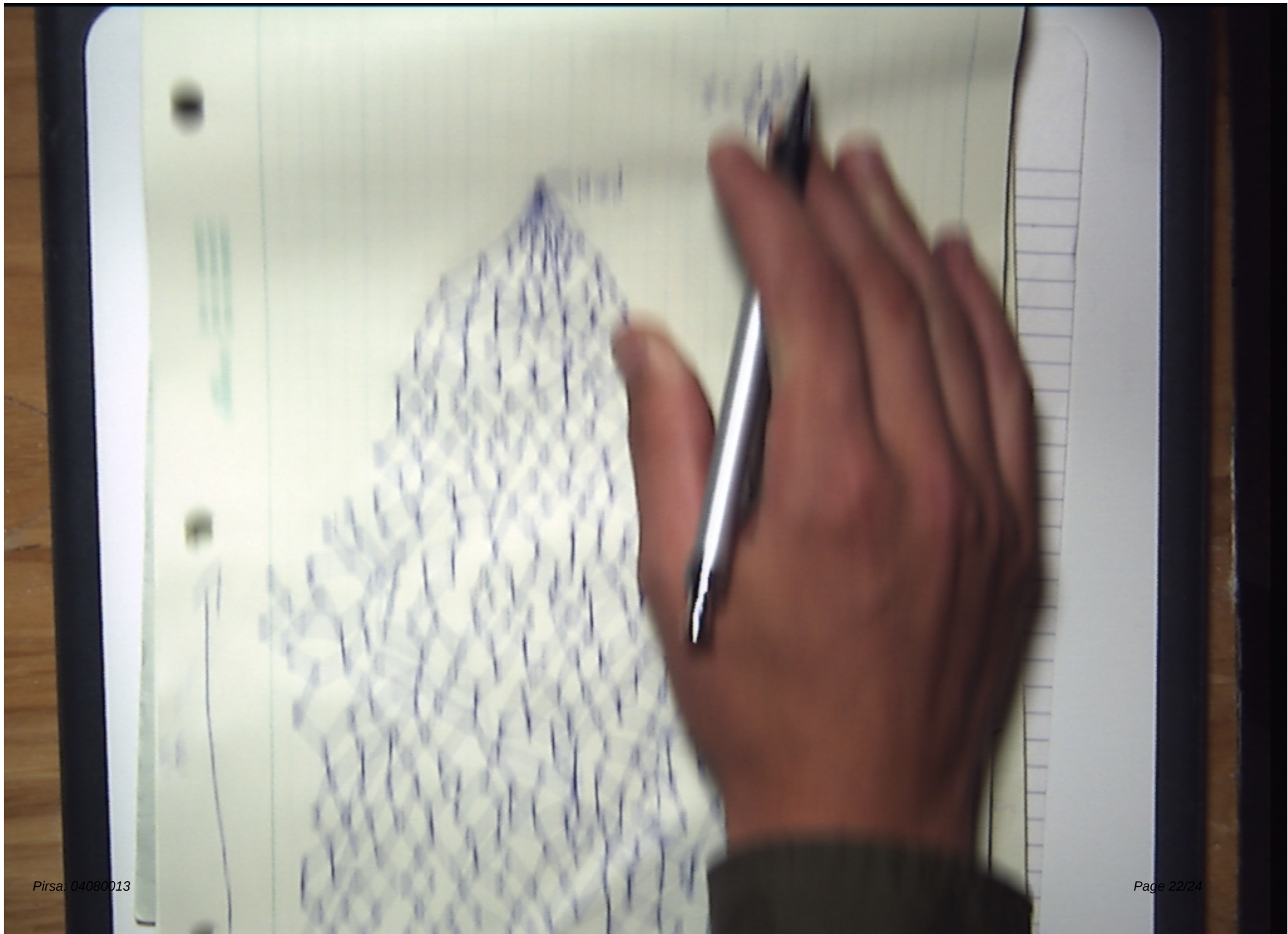


$$S = \frac{118}{756}$$

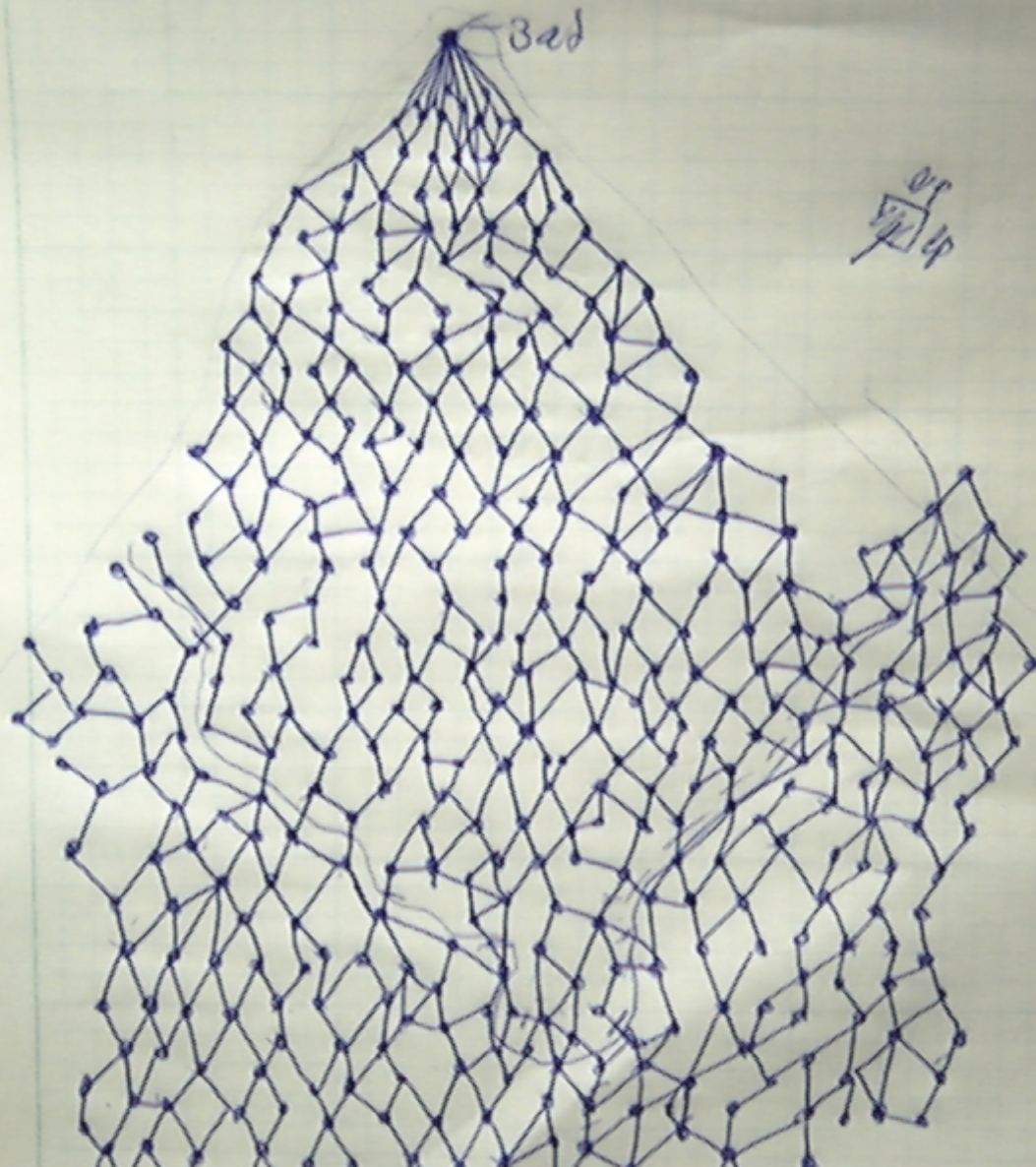
22-111 100 sheets
22-112 100 sheets
22-113 100 sheets
22-114 100 sheets

↑
ct





$$S = \frac{Ak^3}{756}$$



$$S = \frac{1k^2}{4h6}$$

$$\frac{26(lp^2)(k^2)}{4h6}$$

or
 $\frac{13}{2} \frac{k^2}{h}$

