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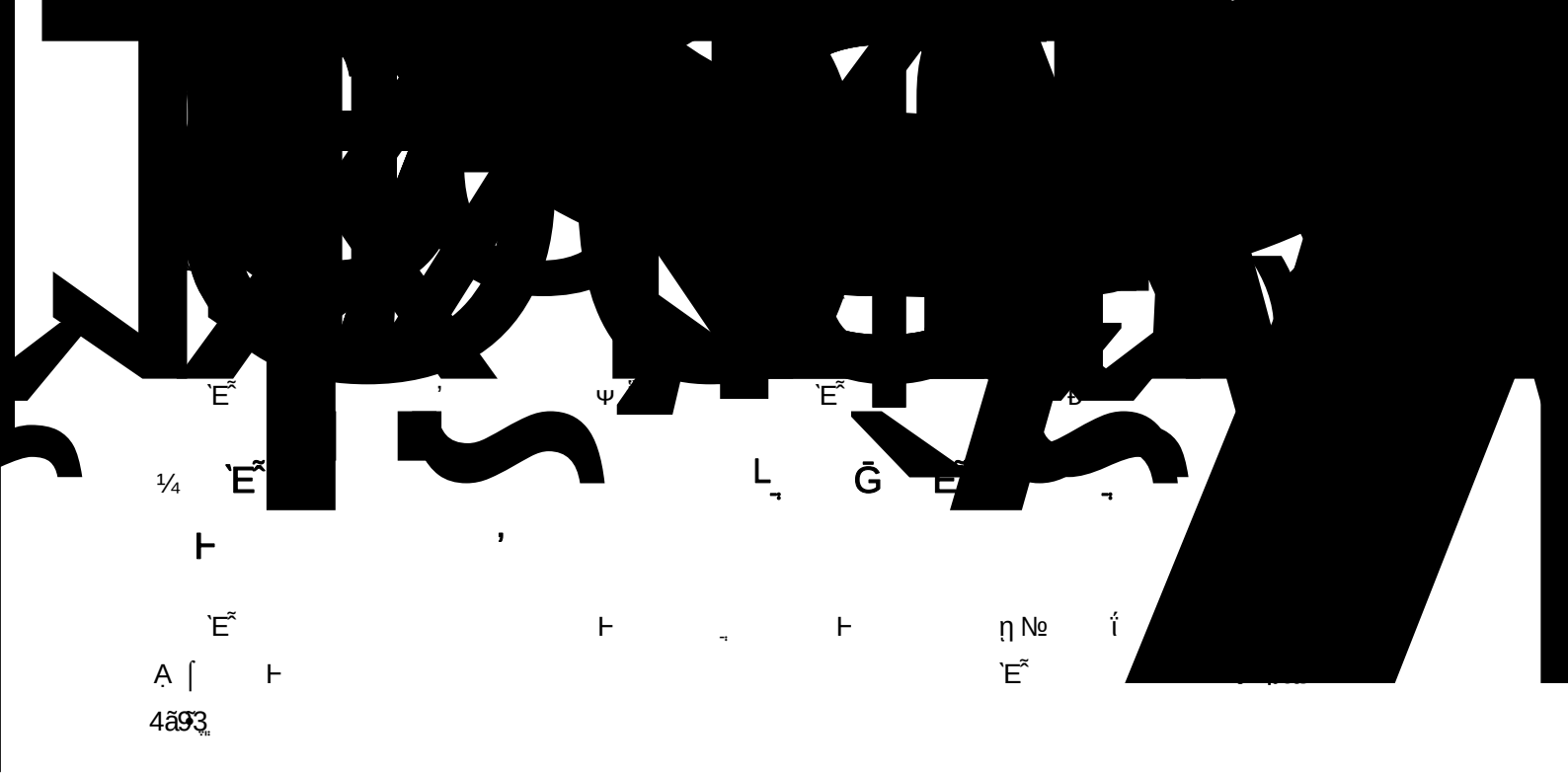
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A complex knot diagram, likely a braid or a link, with multiple crossings and a central horizontal line labeled 'M'. Below the knot, there are labels for various components: E_s , E , F , H , i , j , L , W , H , and E_s .



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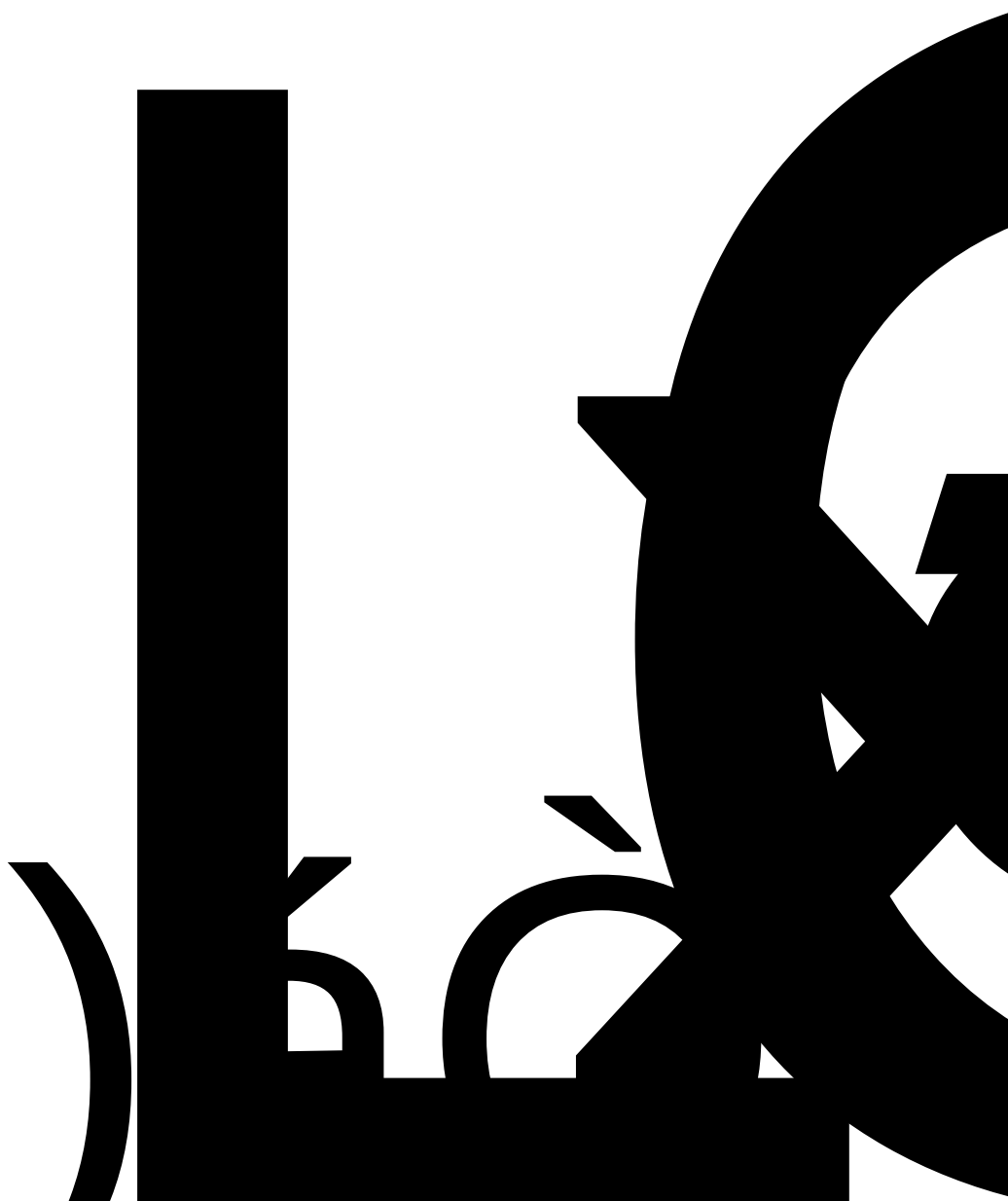
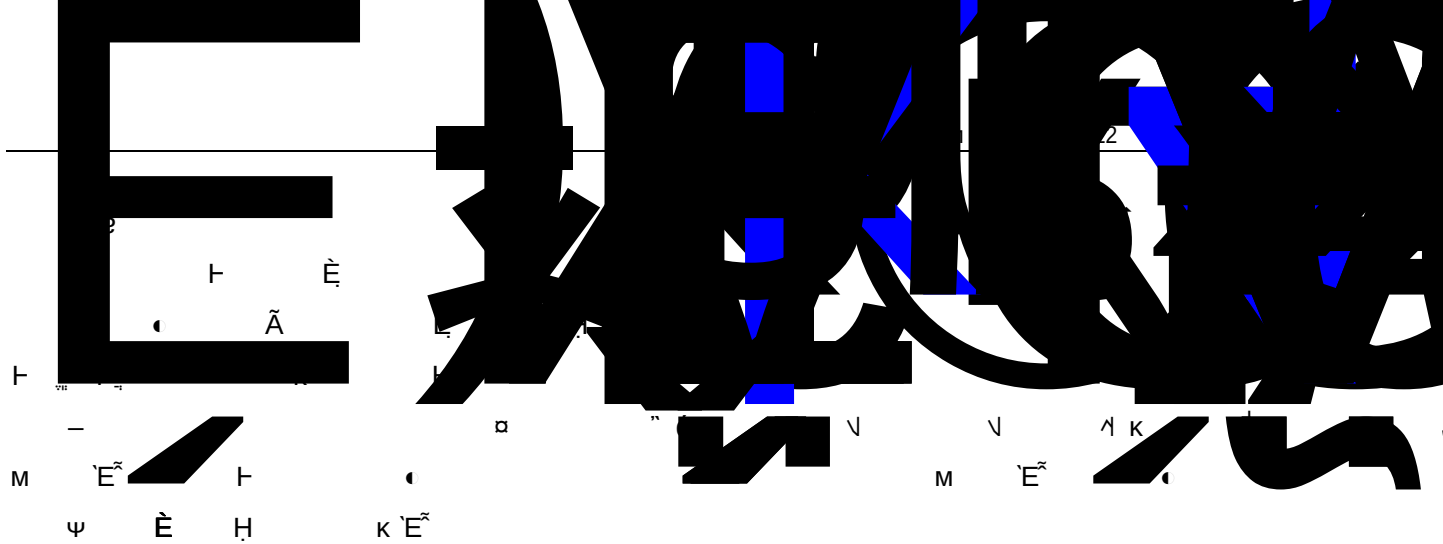
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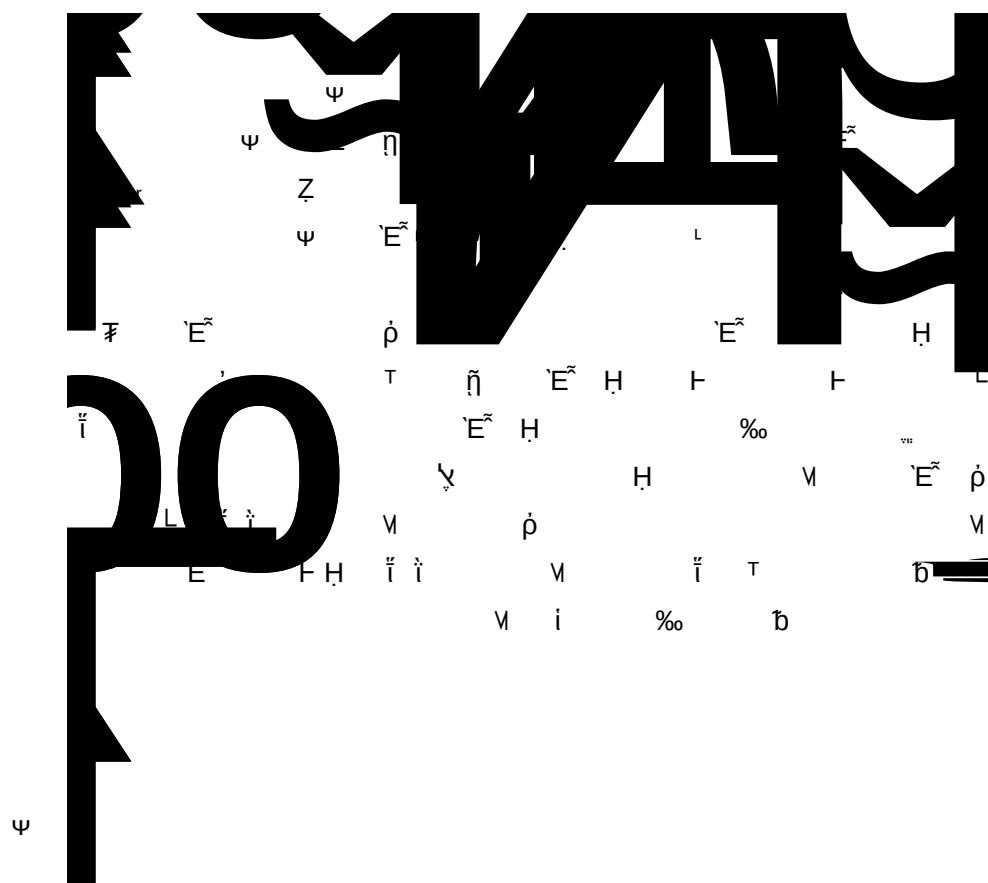
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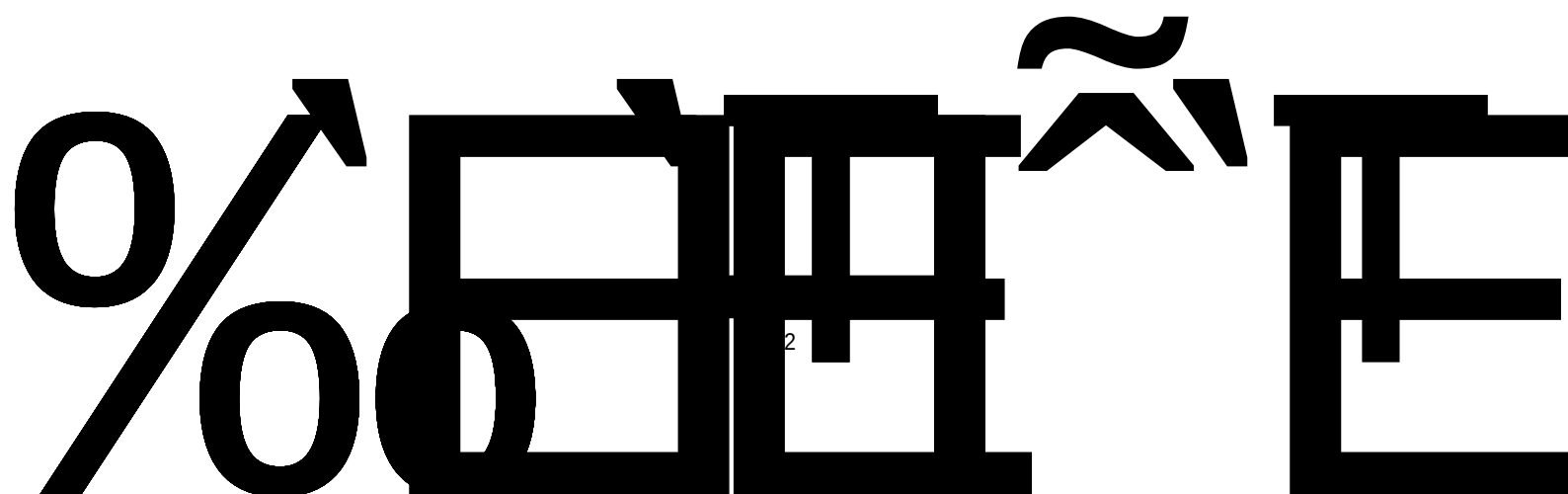
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$\begin{array}{c} \mathbb{H} \\ \Psi \\ \bar{G} \\ \Psi \end{array}$				$\begin{array}{c} \mathbb{H} \\ \bar{G} \quad \Psi \quad \mathbb{M} \quad \gamma \\ \bar{G} \\ \Psi \\ \Psi \\ \Psi \\ W'E \\ \gamma \\ \mathbb{H} \quad \mathbb{M} \quad E^{\sim} \\ \bar{G} \quad \mathfrak{b} \end{array}$	$\begin{array}{c} \Psi \mathbb{H} \\ \bar{G} \quad \Psi \\ E^{\sim} \\ \Psi \quad \uparrow \gamma \\ \check{\mathbf{i}} \quad E^{\sim} \\ \Psi \quad \uparrow \\ \Psi \mathbb{H} \\ \bar{G} \quad \Psi \\ \uparrow \quad \mathfrak{b} \quad \gamma \quad \mathbb{H} \\ \check{\mathbf{u}} \quad \dot{\rho} \end{array}$	
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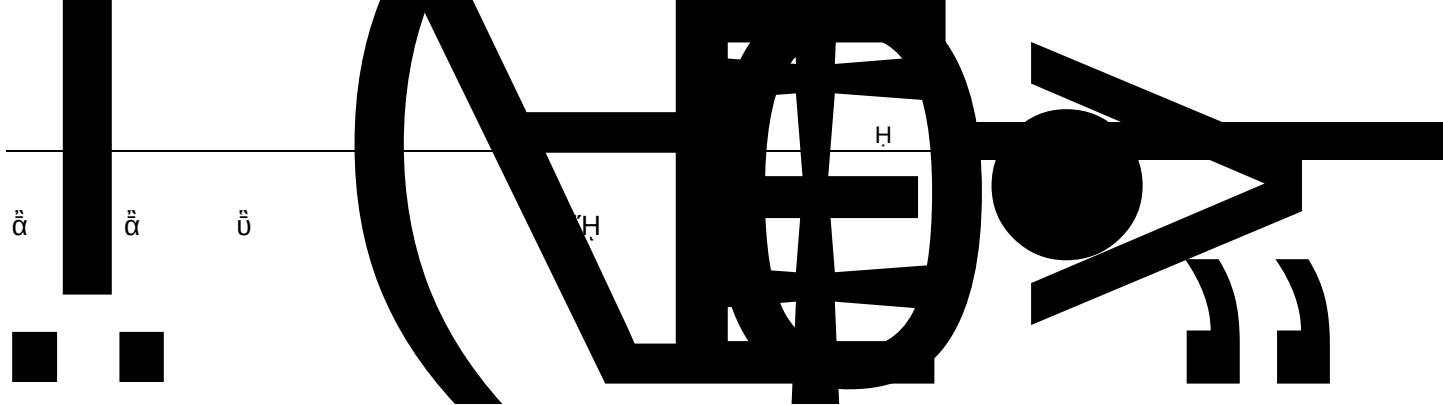
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$$\begin{array}{c} \text{E}^{\alpha} \quad \gamma \quad \gamma \quad \vdash \text{E}^{\alpha} \quad \gamma \quad \quad \quad \text{H} \quad \dot{\gamma} \quad \gamma \quad \vdash \\ \text{E}^{\alpha} \quad \quad \quad \vdash \text{E}^{\alpha} \quad \gamma \quad \quad \quad , \end{array}$$
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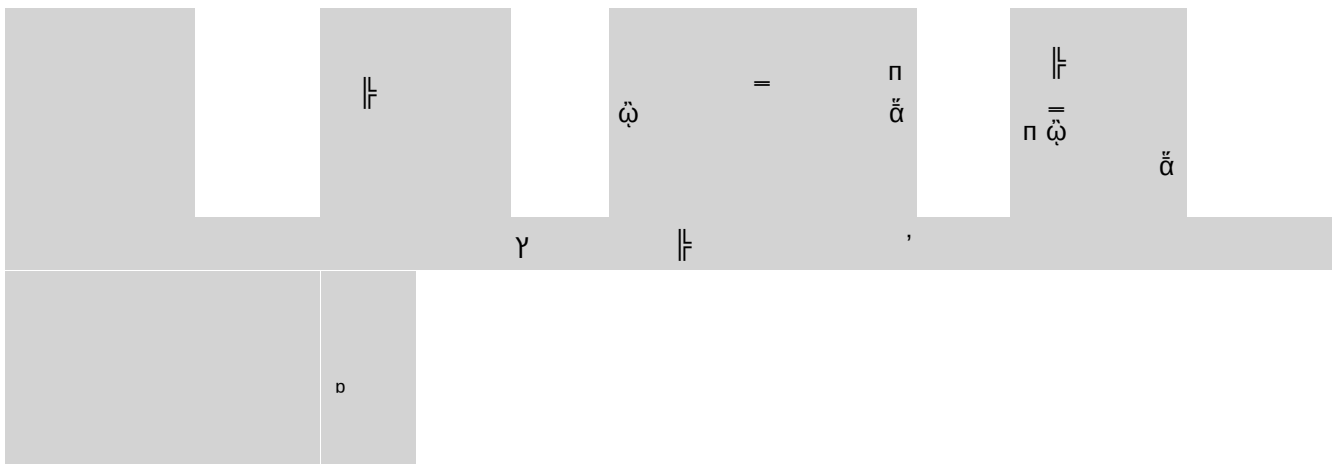
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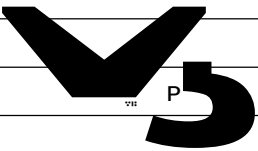
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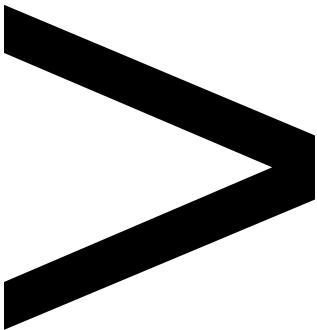
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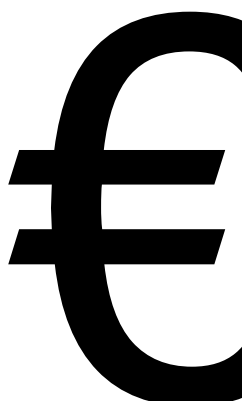
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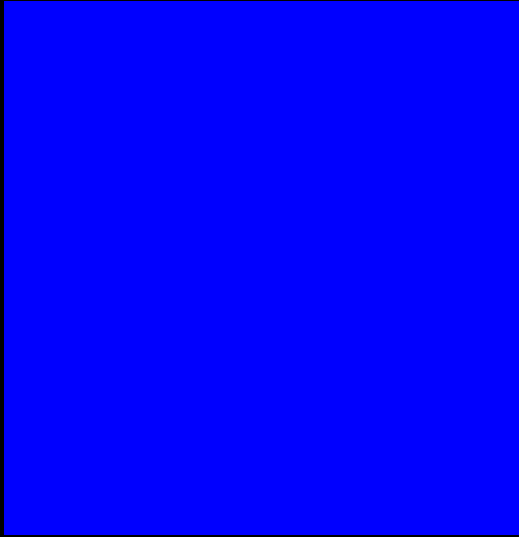
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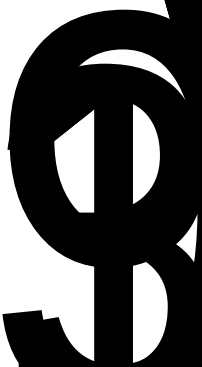
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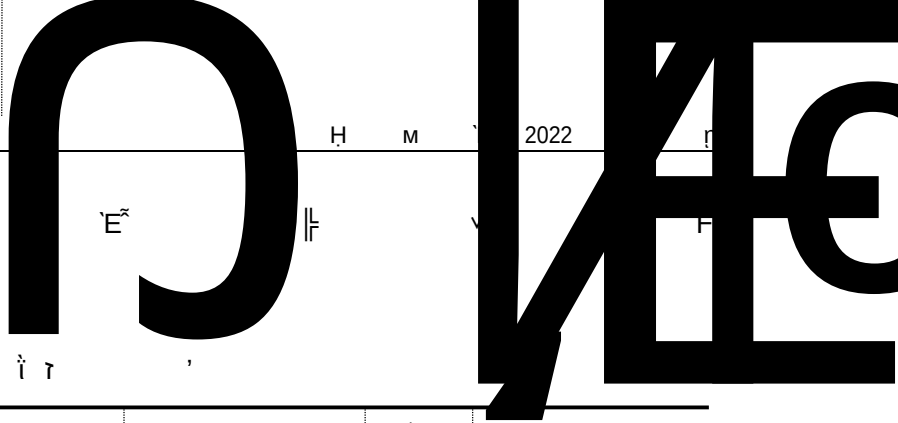
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