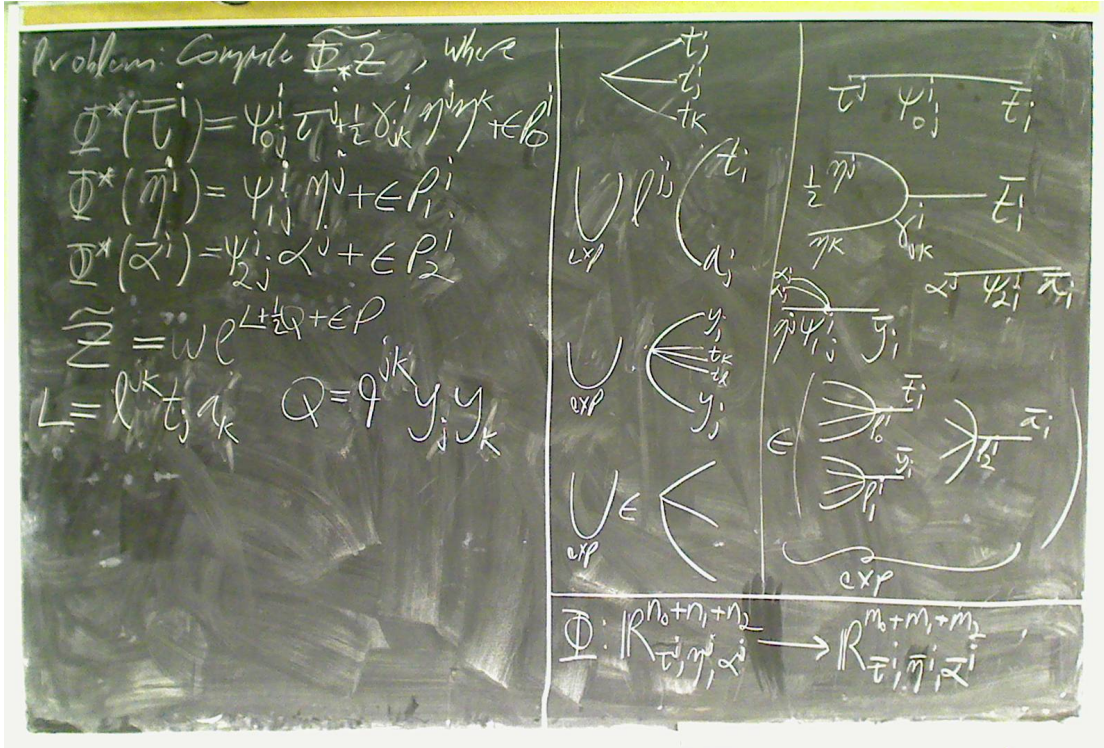


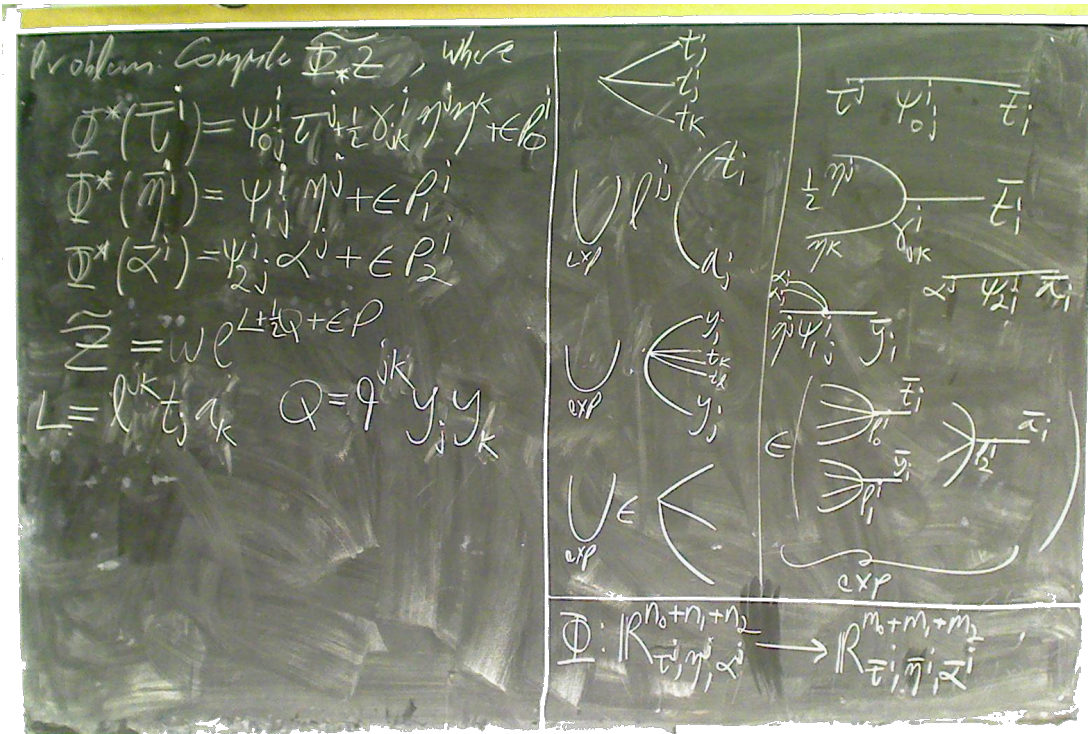
srcdir = "C:\\drorbn\\BBS\\shots\\"

C:\\drorbn\\BBS\\shots\\

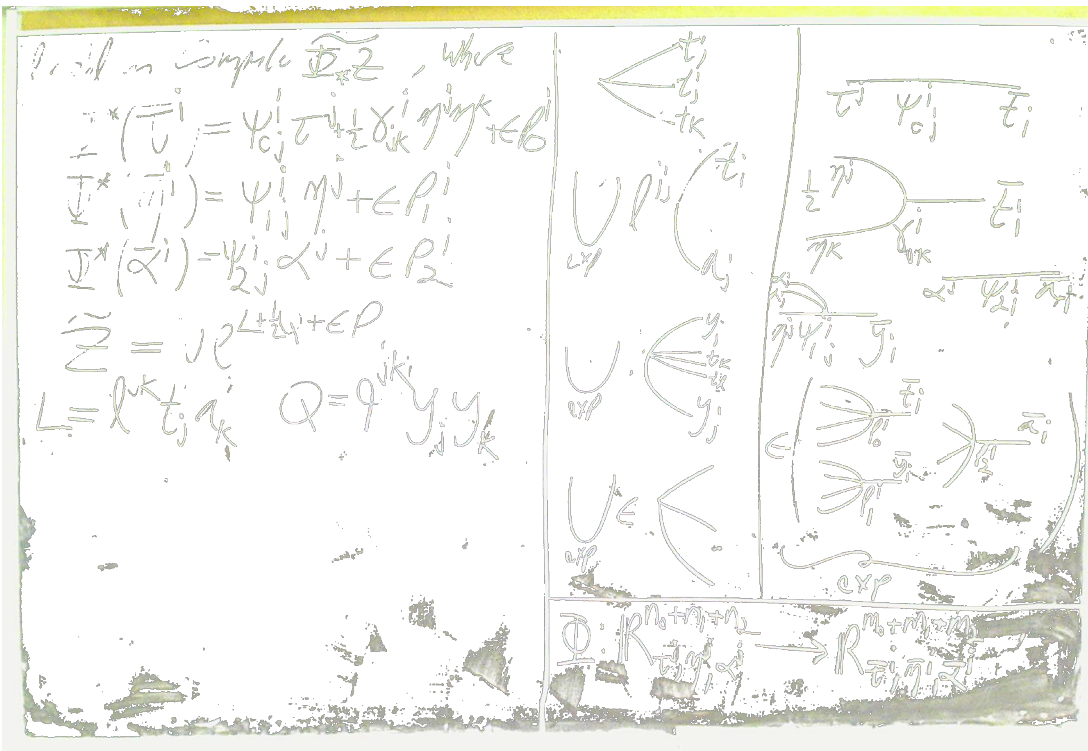
shot = Import[srcdir <> "Dror-170927-204747.jpg"]



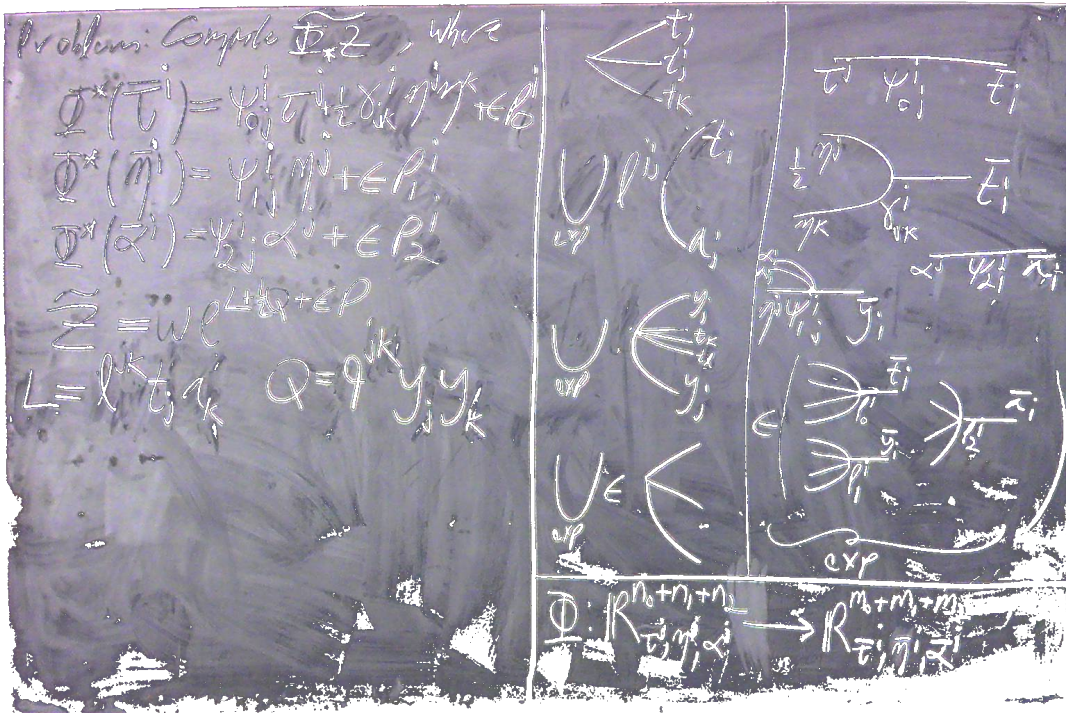
RemoveBackground [shot]



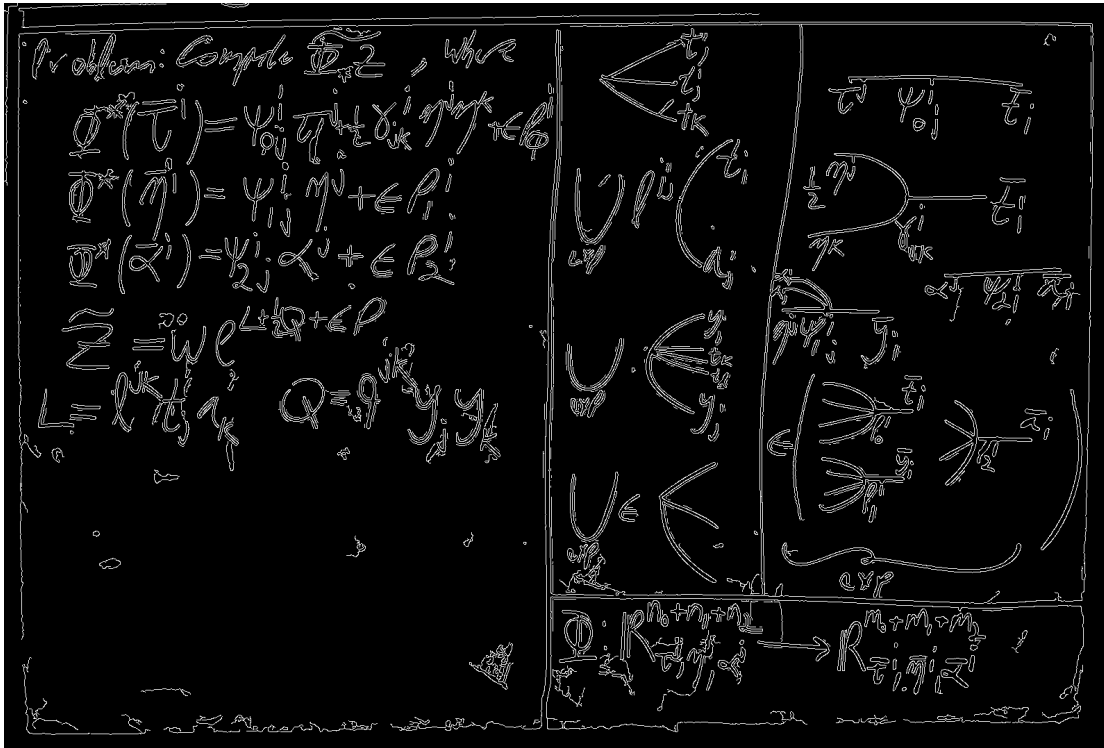
RemoveBackground [shot, {"Background", "Dark"}]



RemoveBackground [shot // ColorNegate, {"Background", "Dark"}]



EdgeDetect [shot]



LocalAdaptiveBinarize [shot, 300]

$$\text{Probl on Complete } \mathbb{D}_* \mathbb{Z}, \text{ where}$$

$$\mathbb{I}^*(\bar{\tau}^i) = \psi_{0i}^i \tau_i + \epsilon \delta_k^{i,j} \eta^{j,k} \in \mathbb{G}$$

$$\mathbb{D}^*(\bar{\eta}^i) = \psi_{1i}^i \eta_i + \epsilon P_i$$

$$\mathbb{D}^*(\bar{\alpha}^i) = \psi_{2i}^i \alpha_i + \epsilon P_i$$

$$\tilde{\Sigma} = i e^{L+Q+\epsilon P}$$

$$L = l^k t_j^k \quad Q = q^{j,k} y_j y_k$$

$$\Phi: R^{n_0+n_1+n_2} \rightarrow R^{m_0+m_1+m_2}$$

MorphologicalBinarize [shot]

$$\text{Probl on Complete } \mathbb{D}_* \mathbb{Z}, \text{ where}$$

$$\mathbb{I}^*(\bar{\tau}^i) = \psi_{0i}^i \tau_i + \epsilon \delta_k^{i,j} \eta^{j,k} \in \mathbb{G}$$

$$\mathbb{D}^*(\bar{\eta}^i) = \psi_{1i}^i \eta_i + \epsilon P_i$$

$$\mathbb{D}^*(\bar{\alpha}^i) = \psi_{2i}^i \alpha_i + \epsilon P_i$$

$$\tilde{\Sigma} = i e^{L+Q+\epsilon P}$$

$$L = l^k t_j^k \quad Q = q^{j,k} y_j y_k$$

$$\Phi: R^{n_0+n_1+n_2} \rightarrow R^{m_0+m_1+m_2}$$

MorphologicalBinarize[shot] // ColorNegate

$$I^*(\bar{t}_i) = \psi_{0j}^i t_{ij} + \sum_k \delta_{ik} \eta_{jk} \in \mathcal{B}$$

$$I^*(\bar{m}_i) = \psi_{1j}^i m_j + \in P_1$$

$$I^*(\bar{\alpha}_i) = \psi_{2j}^i \alpha_j + \in P_2$$

$$\bar{\Sigma} = \cup_{L+M+P} \in \mathcal{P}$$

$$L = \sum_k t_{jk} a_k \quad Q = \sum_{j,k} y_{jk} y_{jk}$$

ChanVeseBinarize[shot]

$$I^*(\bar{t}_i) = \psi_{0j}^i t_{ij} + \sum_k \delta_{ik} \eta_{jk} \in \mathcal{B}$$

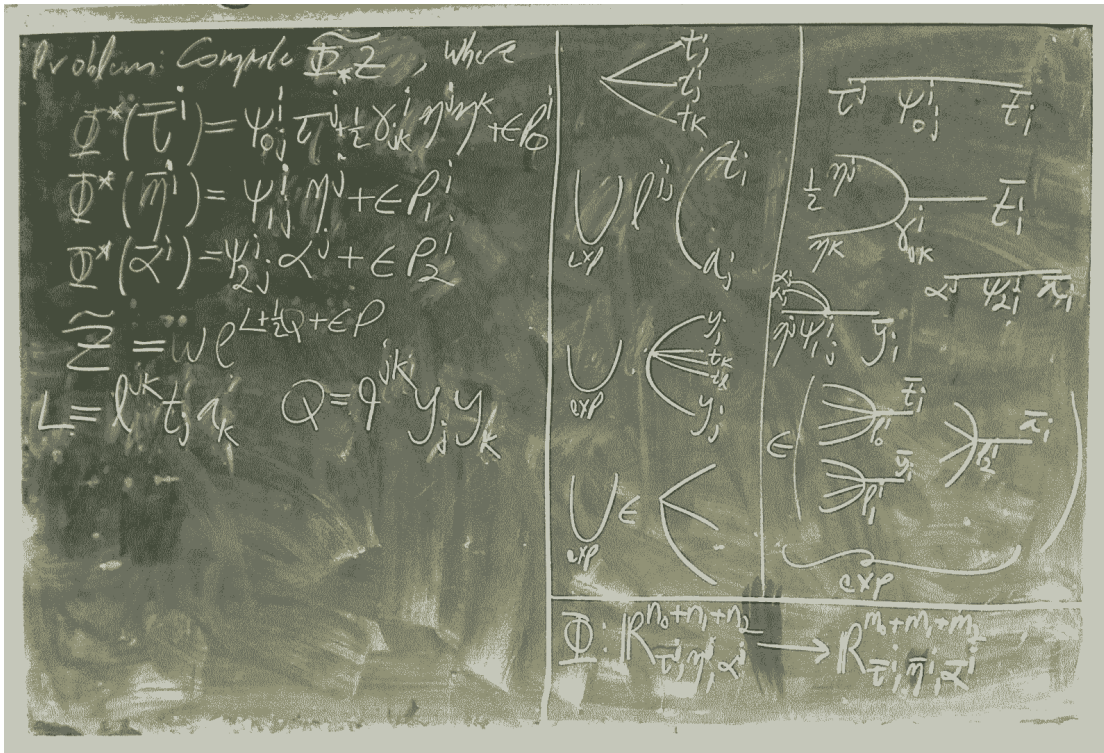
$$I^*(\bar{m}_i) = \psi_{1j}^i m_j + \in P_1$$

$$I^*(\bar{\alpha}_i) = \psi_{2j}^i \alpha_j + \in P_2$$

$$\bar{\Sigma} = \cup_{L+M+P} \in \mathcal{P}$$

$$L = \sum_k t_{jk} a_k \quad Q = \sum_{j,k} y_{jk} y_{jk}$$

ColorQuantize [shot, 4]



ColorQuantize [shot, 2]

