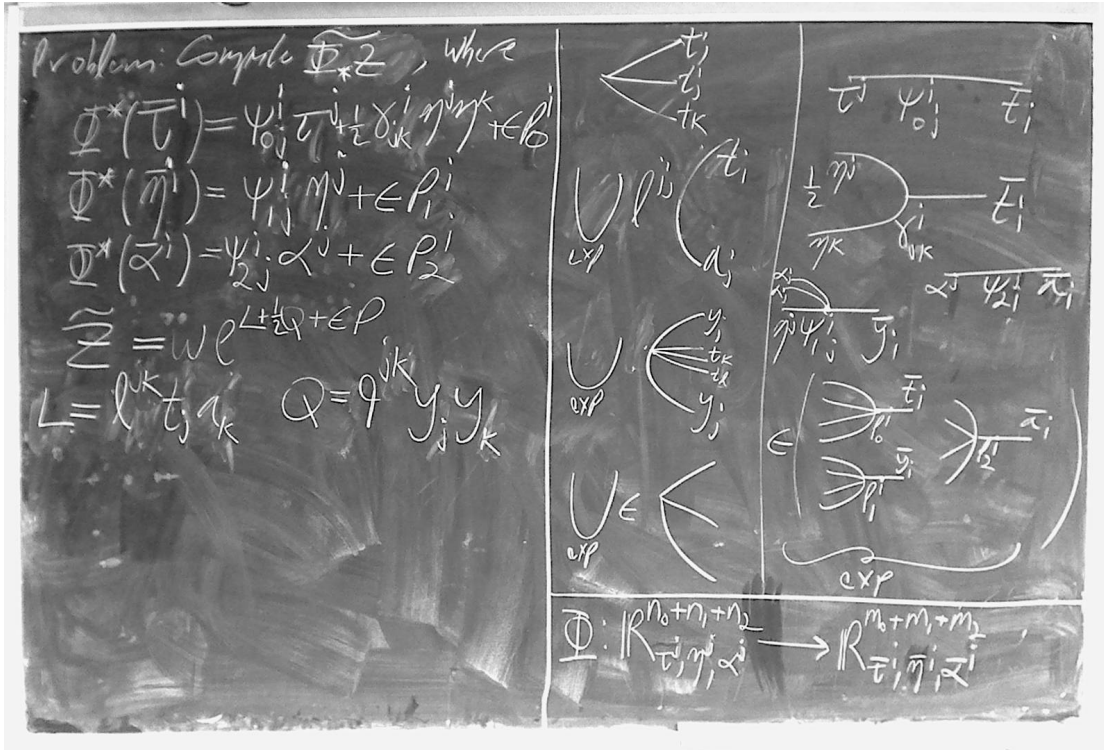


```
srcdir = "C:\\drorbn\\BBS\\shots\\"
```

C:\drorbn\BBS\shots\

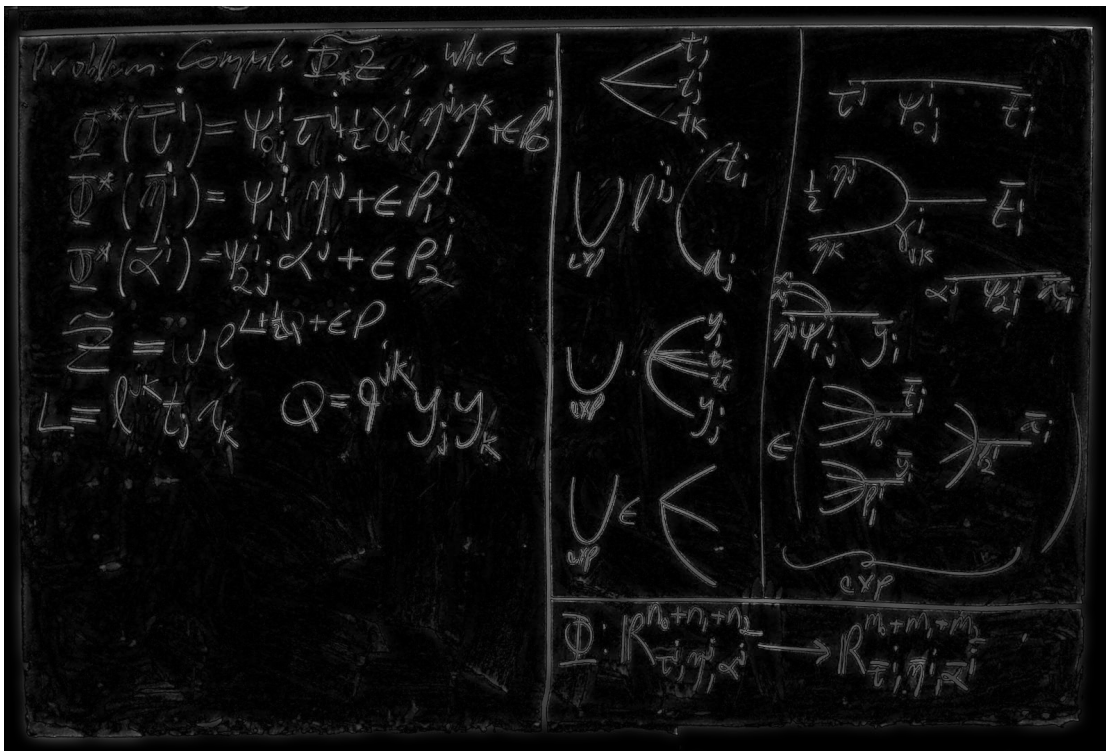
```
shot = ColorConvert[Import[srcdir <> "Dror-170927-204747.jpg"], "Grayscale"]
```



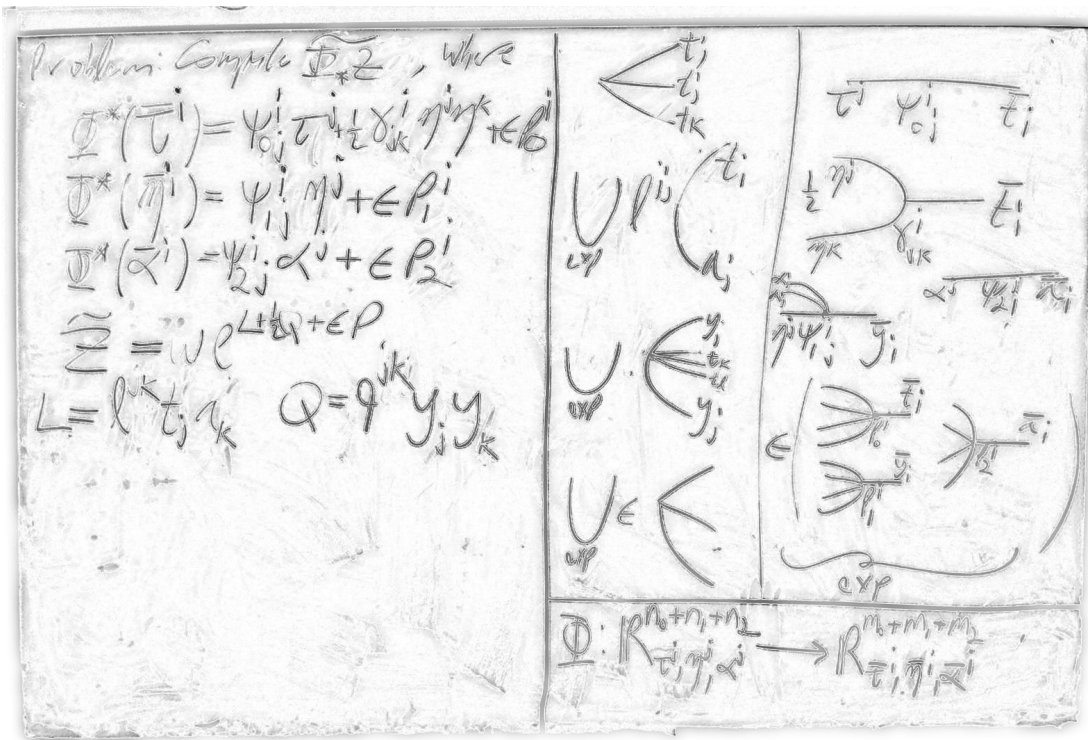
Blur [shot, 20]



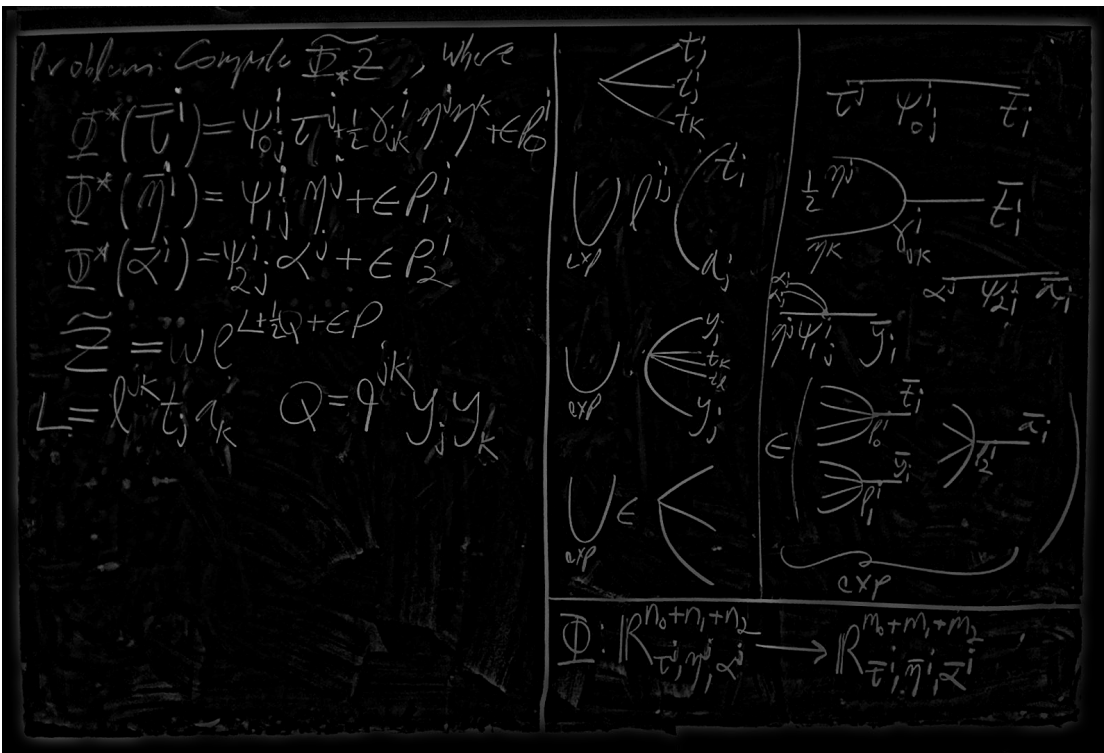
ImageApply[Abs[#1 - #2] &, {shot, Blur[shot, 20]}]



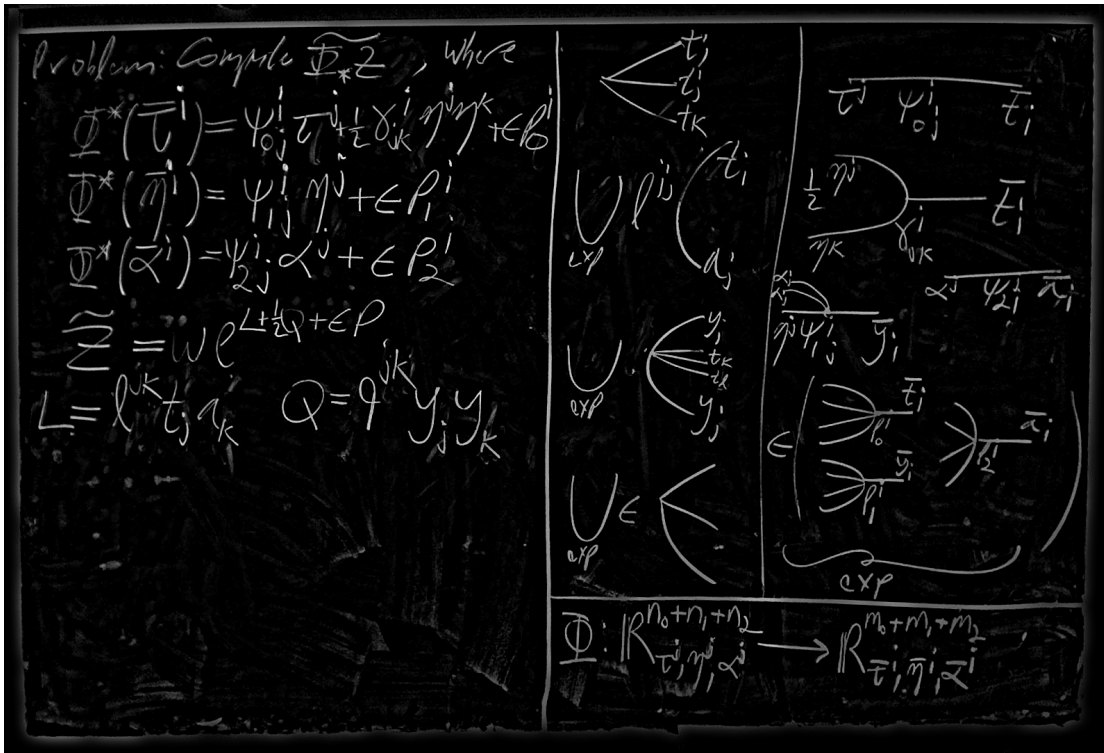
ImageApply[Abs[#1 - #2] &, {shot, Blur[shot, 20]}] // ColorNegate // ImageAdjust



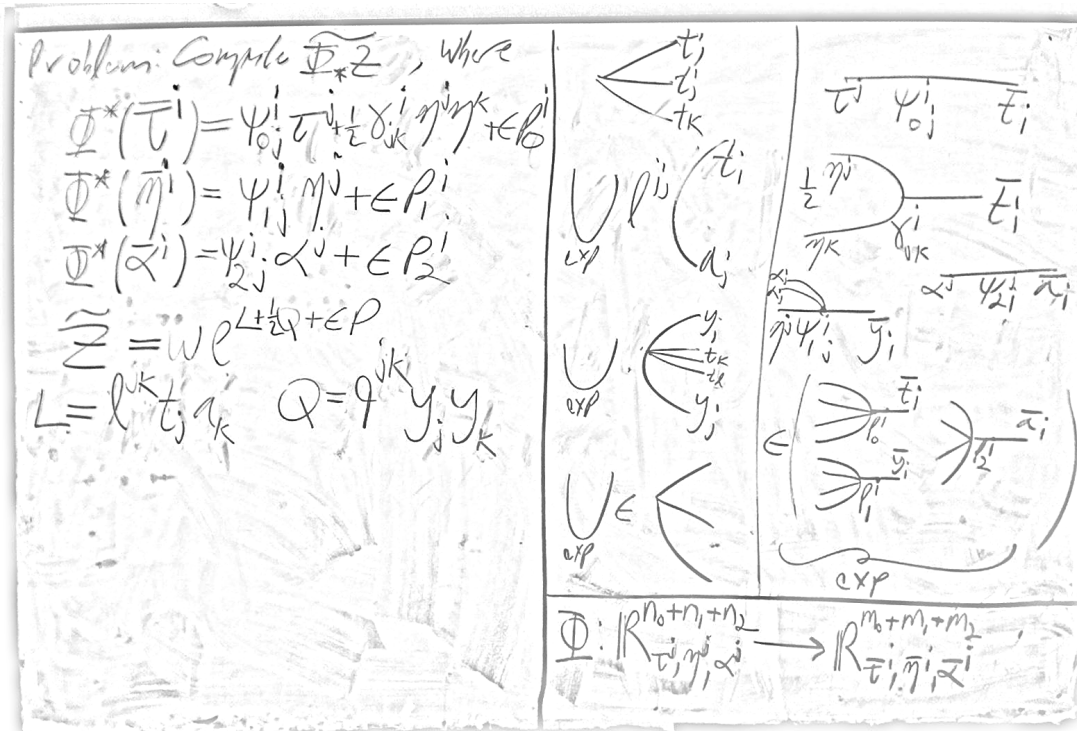
ImageApply[Max[#1 - #2, 0] &, {shot, Blur[shot, 20]}]



ImageAdjust [ImageApply [Max [#1 - #2, 0] &, { shot, Blur [shot, 20] }]]



ImageAdjust [ImageApply [Max [#1 - #2, 0] &, { shot, Blur [shot, 20] }]] // ColorNegate



ImageAdjust [ColorQuantize [

ImageApply [Max [#1 - #2, 0] &, {shot, Blur[shot, 20]}],
2]] // ColorNegate

Problem: Compute $\Phi^* \tilde{Z}$, where

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

$$\Phi^*(\bar{\eta}_i) = \psi_{1j}^i \eta_j + \epsilon P_i$$

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

$$\tilde{Z} = U e^{L + \tilde{Z} + \epsilon P}$$

$$L = l_{jk}^k t_j a_k \quad Q = q_{jki}^i y_j y_k$$

$\Phi: \mathbb{R}^{n_0+n_1+n_2} \rightarrow \mathbb{R}^{m_0+m_1+m_2}$
 $\mathbb{R}^{t_j, \eta_j, \alpha_j} \rightarrow \mathbb{R}^{\bar{t}_i, \bar{\eta}_i, \bar{\alpha}_i}$