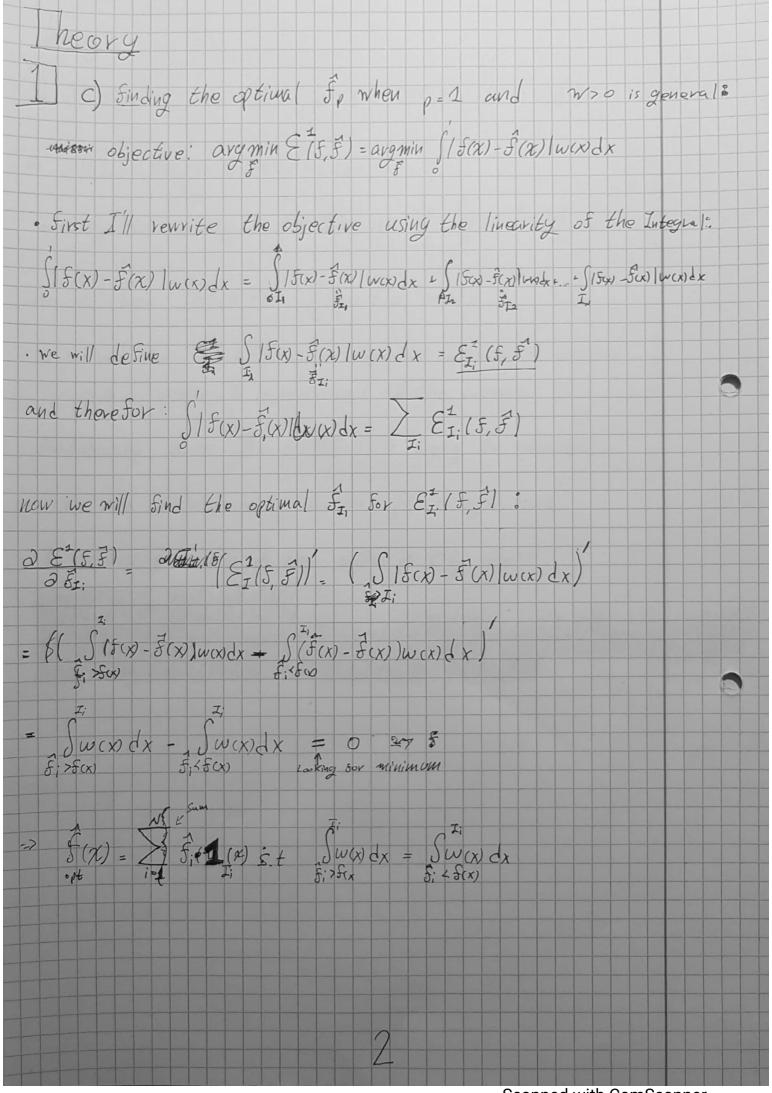
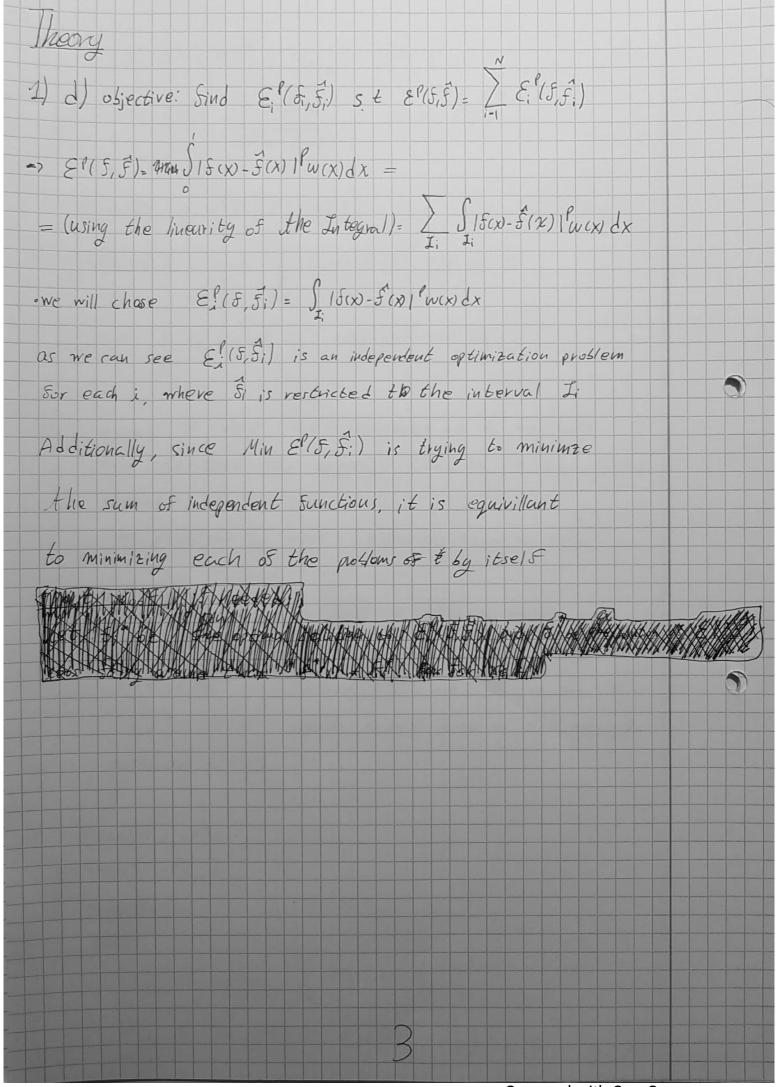
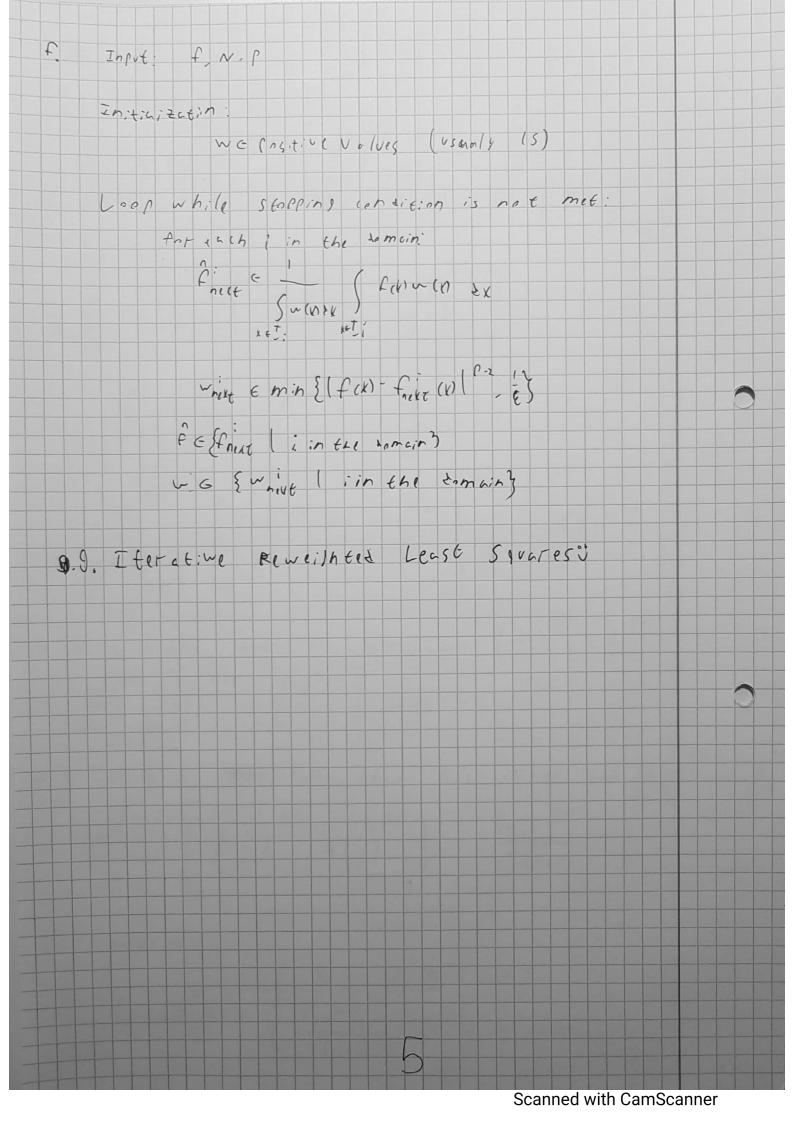
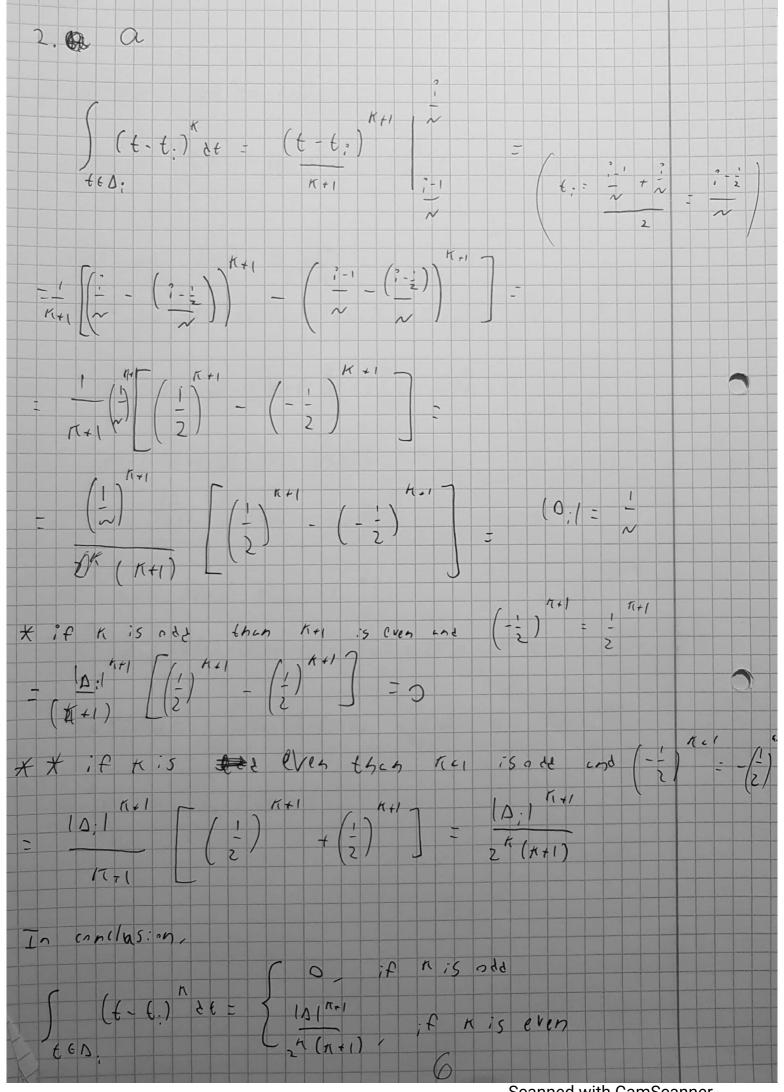
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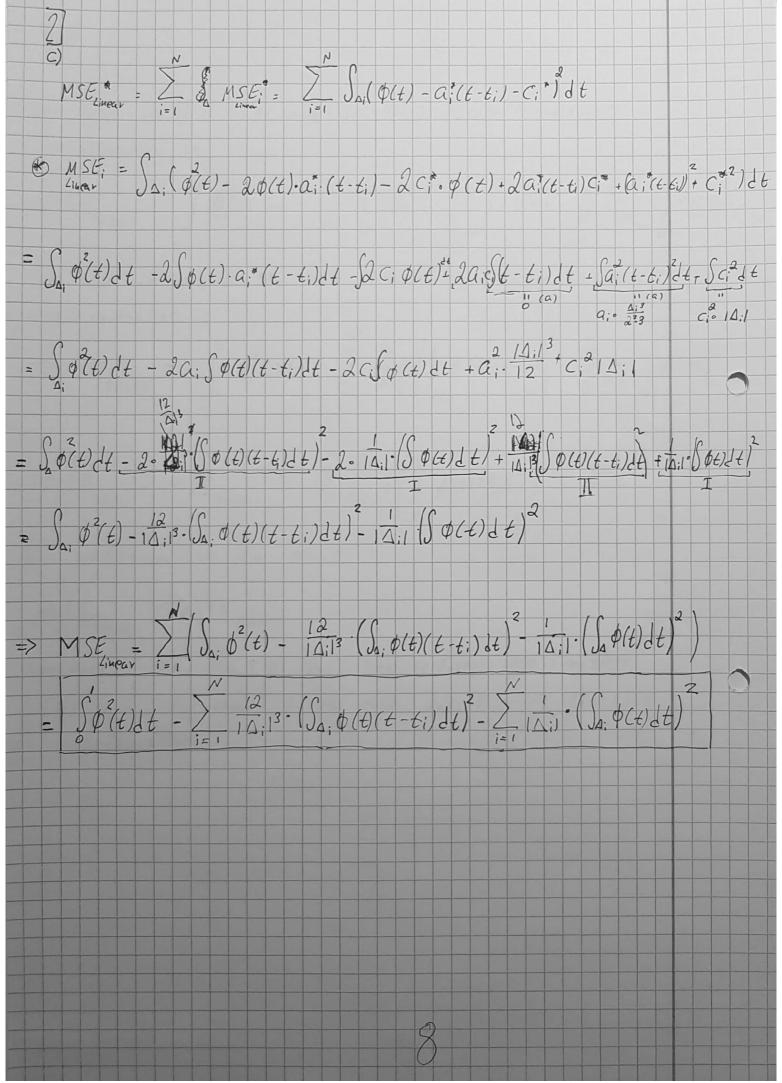


$\frac{1}{2} \left[f(x) - \hat{f}(x) \right]^{\beta} = \psi_{\beta, \beta}(x) \left(f(x) - \hat{f}(x) \right)^{\beta}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$(f_{i}(x) - f_{i}(x))^{2}$
* / COUSE CON TO WAY TO CONTRACT OF THE PROPERTY OF THE PROPER
\star ba (ause $f_{i}(x) \neq \hat{f}_{i}(x) + \hat{f}_{i}(x) + \hat{f}_{i}(x) \neq 0$
1. m:nE(f., f.) = min ((f. (x) - f. (y) \ ~ (x) & x = f. (y) \ f. (y) \ (x) & x = f. (y) \ f. (y) \ (x) & x = f. (y) \ f. (y) \ (x) & x = f. (y) \ f. (y) \ f. (y) \ (x) & x = f. (y) \
$= m \cdot n \qquad \left(\left(F_{i}(x) - f_{i}(x) \right)^{2} \qquad \left(F_{i}(x) \wedge (x) \wedge$
XET;
iii. Bocuse if wifi was independent of fi we could
have achieved the optimal solution in the same
munner as in clause b.
The Problem is with differentiation of Wepley
iv. when we remove the previous assumption we get
tent the formula is not restined for p=1 where
$f_{i}(x) = f_{i}(x)$. A(so, when $f_{i}(x) \rightarrow f_{i}(x)$ we get $6h_{i+1}$
TES (K) -) or which mish t lead to hon-hestisiste
numerical etrors.
V. Pseuko - colo.
Input: f. f.:
outous:
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there C Sw(X) SV) I.
finere = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ T: There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) - \varphi(x) dx$ There = $\int \varphi(x) dx = \int \varphi(x) dx$ There = $\int \varphi(x) dx$ There = \int
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Due would like to Solve:	
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Sixst we'll Sind Qi a; : $ \frac{\partial \mathcal{E}}{\partial \alpha_{i}} = -2 \int_{\alpha_{i}} (\phi(t) - \alpha_{i}(t - t_{i}) - C_{i}) (t - t_{i}) dt = 0 / -\frac{1}{2} $	
$= \sum_{i} \int_{a_{i}}^{a_{i}} \phi(t) \cdot (t - t_{i}) dt - a_{i}^{2} \int_{a_{i}}^{a_{i}} (t - t_{i}) dt = 0$	0
$(a) \qquad \int_{\mathcal{A}_{i}} \mathcal{G}(t) \cdot (t - t_{i}) dt - \alpha_{i} \cdot \frac{ \Delta_{i} ^{2}}{2^{2} \cdot (2 + 1)} = 0$ $=) \qquad \alpha_{i} = \frac{12}{ \Delta_{i} ^{3}} \cdot \int_{\mathcal{A}_{i}} \mathcal{G}(t) (t - t_{i}) dt$	
Now we'll find Cique = Ci	
$\frac{\partial \mathcal{E}}{\partial C_{i}} = -2 \int_{A_{i}} (\phi(t) - \alpha_{i}(t - t_{i}) - C_{i}) dt = 0 \cdot / -\frac{1}{2}$ $= \sum_{A_{i}} S_{A_{i}} \phi(t) dt - S_{A_{i}} \alpha_{i} (t - t_{i}) dt - S_{C_{i}} dt = 0$	
(a) $C_i = 10$. $A_i \neq C_i = 10$.	
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