E. 141.18 Diejus al or polo ox

$$\begin{array}{c}
x + y + z = 1 \\
+ -x - y + z = 0
\end{array}$$

$$\begin{array}{c}
x + y + z = 1 \\
-x - y + z = 1
\end{array}$$

$$P_{tt} = \begin{pmatrix} 2 \\ 0 \\ \frac{1}{2} \end{pmatrix} + \frac{1}{2} \begin{pmatrix} 1 \\ 0 \end{pmatrix} = \frac{2}{2} \qquad \text{if } p \in \mathcal{U}_{t} = \frac{1}{2}$$

$$\|P\|^2 = (\frac{1}{2} + t^2 + (\frac{1}{2})^2 + \frac{1}{2} + (\frac{1}{2})^2 + (\frac{1}{2$$

$$-2(\frac{1}{2}-t)+2t=0$$
 $\Rightarrow t=\frac{1}{4}$

2012 2 Aug / Wednesday / 2017 Ju (249) In (262) In (237) M (227) 5

8 30 A.A. = * x = (47) ATb.

21. 97 166,03 5.42 0 5 10 15 Abi

DW 4 0.0005 5,42 tb. 121 166.03 5.56 11 350 30 7 30

A= 226.5 0.0092+ 5.K + P(4) = 226.5

201.19 0.0075x30 226.5e 11 P(30)



مرداد پنجشنبه اردوهاسدد۲۰۰

3 Aug / Thursday / 2012

(30/b

likelihood:
$$L(\theta) = (1-\theta)^{\alpha_1-1} \theta (1-\theta)^{\alpha_2-1} \theta \dots$$

$$(1-\theta)^{2n-1}\theta = \theta^{n}(1-\theta)^{\sum_{j=1}^{n} 2n^{j}-1}$$

$$\frac{d}{d\theta} \ln L(\theta) = \frac{n}{\theta} = \frac{\sum_{i=1}^{n} x_i - n}{1 - \theta} = 0 \quad \frac{n}{\sum_{i=1}^{n} x_i} = \frac{1}{x}$$

$$\int P(0) : P(y=0) = 1 - Q(au + b) = P(-au - b)$$

$$P(1) : P(y=1) = Q(au + b)$$

$$Q(z) = \frac{1}{2\pi} \int_{-\infty}^{\infty} e^{\frac{z^2}{2}} dz$$

ولادت حضرت امام رضا عليهالسلام (١٤٨ ه.ق)

1ETA GUELLIS 14

5 Aug / Saturday / 2017

min $\sum xikg(xi)$ S.L. $Ax \in b$ $[i]^{T}x = 1$

(5) LID

Linear program: I xilog (xi) + / (Ax-b) + v (Tx-1)

J(Dov) = inf Lp = - Tb-r+inf (Inibgai

ix(TV+AK)+

Sup (-AT) -VI) Tx - I nilogni

y = - A \ - ~1

 $f^{\infty}(-A^{T}\lambda-v_{1})=f^{\infty}(v_{2})=-\sup(y^{T}A-f_{v_{1}})$

\[= \alpha \tau_{\lambda} \tau_{\lambda} \]

912,v)=-16-V- Ze-ail-V-1

max y(x,v) & 270 - Sup(Jn- [nilogni)

صدور فرمان مشروطیت (۱۲۸۵ ه.ش) - روز حقوق بشر اسلامی و کرامت انسانر



یکشنبه ۱۲ (درالقعده ۲۸

مرداد

6 Aug / Sunday / 2017

$$f(y) = \sum_{i=1}^{n} \sigma_i e^{i-1} \sum_{i=1}^{n} \theta_i^{i-1} (y_{i-1})$$

$$= \sum_{i=1}^{n} \theta_i^{i-1} (y_{i-1} - y_{i+1}) = \sum_{i=1}^{n} \theta_i^{i-1}$$

$$= \sum_{i=1}^{n} \theta_i^{i-1} (y_{i-1} - y_{i+1}) = \sum_{i=1}^{n} \theta_i^{i-1}$$

 $\min_{x \in \mathbb{R}} f(x) = \|x\|^2$ $5. \tilde{\ell}. C(x) = a^{T}x + a^{T}\rho \qquad L(x, \tilde{y}) = \tilde{\ell}(x) - \lambda C(x)$ 6de

1/21/ - 2 (qt+ d)

 \mathcal{L} : $\forall_{x} \mid (x, \lambda) = 2x - 2a$, $\forall_{x} \mid L(x, \lambda) = 2I$; 2I > 0

KKT: $\int \overline{Val}(x^{*}, \lambda^{+}) = 0$ $\lambda^{*} c(x^{*}) = 0 \qquad \Rightarrow \lambda^{*} = \lambda$ $\lambda^{*} \geq 0$

 $\lambda^{+}=0$ \perp $\alpha x^{+}+\alpha = \frac{x^{+}|\alpha|}{2}+\alpha = 0$

if $\alpha \geqslant 0 \rightarrow \lambda^{*} = 0 \rightarrow (x^{*}, \lambda^{*}) = (0, 0)$

if d <0 > (x, 2t) = (d q 2 1 1 1 1 1 2)

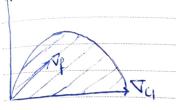


7 Aug / Monday / 2017

min $x_1 + x_2$ 5.1. $x_1^2 + x_2^2 \leq 2$ $x_2 > 0$

(7)d12

Vez



: feasible mai

 $f(x,\lambda) = f(x) - \lambda c_1(x) - \lambda_2 c_2(x)$

Jal (n, x) = 0, x,0

 λ , C_1 $(n^*) = 0$, $\lambda^*_2 C_2(n^{\dagger}) = 0$

 $x^* = \begin{pmatrix} -\sqrt{2} \\ 0 \end{pmatrix} \rightarrow \nabla f(x^*) = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$

 $\overline{Ver}(x^{*}) = \begin{pmatrix} 2\sqrt{2} \\ 0 \end{pmatrix} \quad \overline{Ver}(x^{*}) = \begin{pmatrix} 0 \\ 1 \end{pmatrix} \Rightarrow \lambda^{*} \begin{pmatrix} \overline{2\sqrt{2}} \\ 1 \end{pmatrix}$

تشکیل جهاد دانشگاهی (۱۳۵۹ ه.ش)