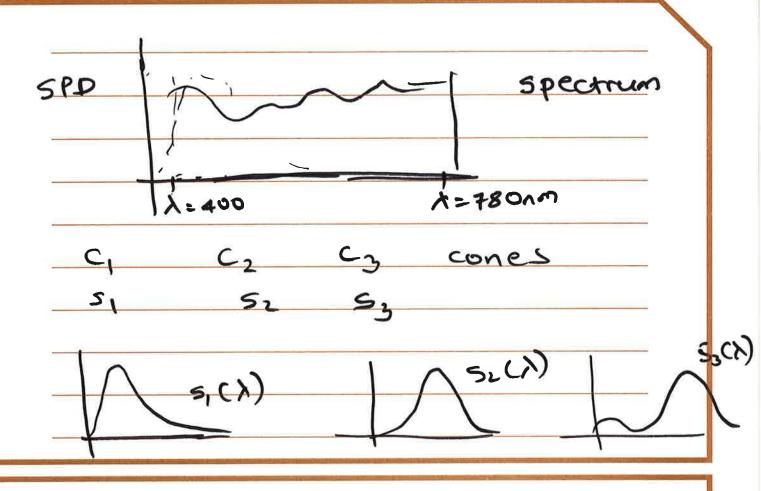
Assign ment						
Assignment No Library scaling function						
I						
please implement your own scaling function						
- Faricion						

Color Theory molograph



$$C_{1} = \int_{S_{1}} (N) f(N) dN$$

$$N = 400$$

$$C_{2} = \int_{X} S_{2}(N) f(N) dN$$

$$C_{3} = \int_{X} S_{3}(N) f(N) dN$$

$$\lambda$$

$$f = \begin{bmatrix} f(\lambda_1) \\ f(\lambda_2) \end{bmatrix} S = \begin{bmatrix} S_1(\lambda_1) \\ S_1(\lambda_2) \\ S_1(\lambda_2) \end{bmatrix} S_2(\lambda_1) S_3(\lambda_1)$$

$$\begin{bmatrix} S_1(\lambda_1) \\ S_1(\lambda_2) \\ S_1(\lambda_1) \end{bmatrix} S_2(\lambda_1) S_3(\lambda_1)$$

$$S^{T}f = \begin{bmatrix} s_{1}(\lambda_{1}) & s_{1}(\lambda_{1}) & \cdots & s_{1}(\lambda_{n}) \end{bmatrix} \begin{bmatrix} f(\lambda_{1}) \\ f(\lambda_{1}) \end{bmatrix}$$

$$\begin{bmatrix} s_{2}(\lambda_{1}) & s_{2}(\lambda_{1}) & \cdots & s_{1}(\lambda_{n}) \end{bmatrix} \begin{bmatrix} f(\lambda_{1}) \\ f(\lambda_{1}) \end{bmatrix}$$

$$\begin{bmatrix} f(\lambda_{1}) & s_{3}(\lambda_{1}) & \cdots & s_{1}(\lambda_{n}) \end{bmatrix} \begin{bmatrix} f(\lambda_{1}) \\ f(\lambda_{1}) \\ f(\lambda_{1}) \end{bmatrix}$$

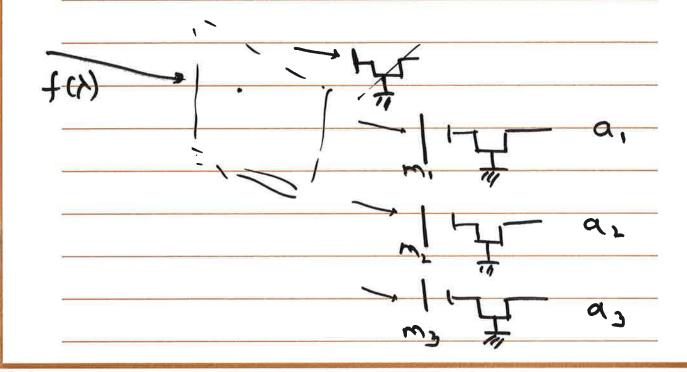
$$= \left[\sum_{i=1}^{n} s_{i}(\lambda i) f(\lambda i) \right]$$

$$= \left[\sum_{i=1}^{n} s_{i}(\lambda i) f(\lambda i) \right]$$

$$= \left[\sum_{i=1}^{n} s_{i}(\lambda i) f(\lambda i) \right]$$

$$c_i = s_i(\lambda_i) + (\lambda_i) + s_i(\lambda_i) + (\lambda_i) + s_i(\lambda_i) + s_i(\lambda_i)$$

camera



$$\frac{1}{4} = \left[\frac{1}{4} (y_1) \frac{1}{4} (y_2) \frac{1}{4} (y_3) \frac{1}{4} (y_4) \frac{1}{4} (y_5) \frac{1}{4} (y_5)$$

$$= \left[\geq m_1(\lambda) f(\lambda) \right]$$

$$\geq m_2(\lambda) f(\lambda)$$

$$\leq m_3(\lambda) f(\lambda)$$

dis play

$$g = P_1 q_1 + P_2 q_2 + P_3 q_3$$

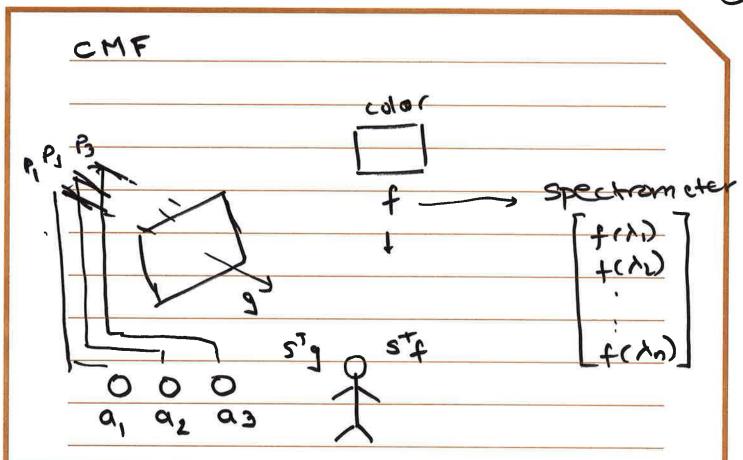
$$= P_0$$

$$S^{\dagger}_{f} = S^{\dagger}_{g} = S^{\dagger}_{g}$$

$$S^{\dagger}_{f} = S^{\dagger}_{g} = S^{\dagger}_{g}$$

$$S^{\dagger}_{f} = S^{\dagger}_{g} = S^{\dagger}_{g}$$

$$Q = \left[S^{\dagger}_{g}\right]^{-1} S^{\dagger}_{g}$$



$\begin{bmatrix} \alpha_1 \\ \alpha_2 \\ \alpha_3 \end{bmatrix} =$	$\begin{bmatrix} m_1(\lambda_1) \\ m_2(\lambda_1) \end{bmatrix}$	m2 (1/2). m2 (1/2).	m, (کس)] سه (کم)	fin tin
7				

3 D	space.	XTZ	RGB	
۲۲	chromo	aticity .	space	
x =	<u>X</u>	-	'A'	
<u> </u>	×+7F	E		•
1	X+T+Z	<u> </u>		
* =	1 - 11-	1		