

PostScript transfer and optional measurement for output linearization
Input-----PostScript L2-----Output-----

Class Ia

~~cmyn*in~~
setcmykcmy0*in
setcmyk000n*in
setcmykolv*in
setrgbw*in
setgrayall operators
on one page
possiblecmy0*in
calculate
with
l-relationcmy0*in
 $c = 1 - o(r)$
 $m = 1 - l(g)$
 $y = 1 - v(b)$
 $n = 1 - w$
 $c = m = y = n$ cmy0*ou
setcmykoptional
LAB*ou
for PRou
measurecmy0*ou
for PRou
calculate

PostScript L2 flowchart for printer driver

Goal: $\Sigma (cmy0*in - cmy0*ou) = \text{Min.}$

ME340-3, PostScript L2 flowchart for printer driver; CMYK, RGB and GRAY input

PostScript transfer and optional measurement for output linearization
Input-----PostScript L2-----Output-----

Class Ia

~~cmyn*in~~
setcmykcmy0*in
setcmyk000n*in
setcmykolv*in
setrgbw*in
setgrayall operators
on one page
possibleolv*in
calculate
with
l-relationolv*in
 $o(r) = 1 - c$
 $l(g) = 1 - m$
 $v(b) = 1 - y$
 $w = 1 - n$
 $o = l = v = w$ olv*ou
setrgboptional
LAB*ou
for TVou
measureolv*ou
for TVou
calculate

PostScript L2 flowchart for monitor driver

Goal: $\Sigma (olv*in - olv*ou) = \text{Min.}$

ME341-3, PostScript L2 flowchart for monitor driver; CMYK, RGB and GRAY input

Inverse PostScript transfer (*) for linearized output, optional measurement
Input-----PostScript L2-----Output-----

Class Ia

~~cmyn*in~~
setcmykcmy0*in
setcmyk000n*in
setcmykolv*in
setrgbw*in
setgrayall operators
on one page
possiblecmy0*in
calculate
with
l-relationcmy0*in
 $c = 1 - o(r)$
 $m = 1 - l(g)$
 $y = 1 - v(b)$
 $n = 1 - w$
 $c = m = y = n$ Device
PRou
+ first
output
LAB*ou
for series
W-CMY
W-OLV
W-Ncmy0*ou
setcmykoptional
LAB*ou
for PRou
measurecmy0*ou
for PRou
calculate

all properties included in MTL code

PostScript L2 flowchart for printer driver

Goal: $\Sigma (cmy0*in - cmy0*ou) = \text{Min.}$ or $\Sigma (LAB*in - LAB*ou) = \text{Min.}$

ME340-7, PostScript L2 flowchart for printer driver; CMYK, RGB and GRAY input

Inverse PostScript transfer (*) for linearized output, optional measurement
Input-----PostScript L2-----Output-----

Class Ia

~~cmyn*in~~
setcmykcmy0*in
setcmyk000n*in
setcmykolv*in
setrgbw*in
setgrayall operators
on one page
possibleolv*in
calculate
with
l-relationolv*in
 $o(r) = 1 - c$
 $l(g) = 1 - m$
 $v(b) = 1 - y$
 $w = 1 - n$
 $o = l = v = w$ Device
TVou
+ first
output
LAB*ou
for series
W-CMY
W-OLV
W-Nolv*ou
setrgboptional
LAB*ou
for TVou
measureolv*ou
for TVou
calculate

all properties included in MTL code

PostScript L2 flowchart for monitor driver

Goal: $\Sigma (olv*in - olv*ou) = \text{Min.}$ or $\Sigma (LAB*in - LAB*ou) = \text{Min.}$

ME341-7, PostScript L2 flowchart for monitor driver; CMYK, RGB and GRAY input

BAM-test chart no. ME34; colour transfer and workflow
Connection: input and output referred colour spacesinput: different
output: different