



### Warnings

- Book PDF contains color pages (more than 1 separation) (65870x on pages 1-264)
- Page is empty inside trim box (6x on pages 2,6,158,194,232,264)
- Font Courier is used (330x on pages 73-76,145,152-156,178)
- Text of 5.98...6.21 pt, colored with 2 or more separations, is less than 7 pt (20x on pages 258-259)
- Indexed color is used (79x on pages 32...225)



### Fixes

- Remapped Device grayscale color space to Separation color space, keeping overprint (1x on page 4)
- Changed PDF/X-3:2002 Output Intent to Custom
- Changed black text to overprint (1x on page 4)
- Compressed objects using ZIP compression (57x)



### Processing

Certified PDF status	Preflighted successfully
Preflight Profile	SpringerPrint_Books_v08_1002
Created by	Mark Rübsam
	Springer
Pages processed	1-264
Application used to preflight	Enfocus PitStop Server 13 update 2 powered by Enfocus PitStop Library 13 update 2
Application used to create the report	Enfocus PitStop Library 13 update 2
Preflighted on	UTC: August 26, 2016 - 06:16:03 [ August 26, 2016 - 11:46:03 ]

### Document properties

Document Name	978-1-4471-7019-8_Book_PrintPDF.pdf
Number of pages	264
PDF Version	1.3
Creation Date	UTC: August 26, 2016 - 06:13:50 [ August 26, 2016 - 11:43:50 ]
Modification Date	UTC: August 26, 2016 - 06:14:57 [ August 26, 2016 - 11:44:57 ]
Producer	Acrobat Distiller 11.0 (Windows)
Creator	VTeX PDF Tools
Author	swf
Title	978-1-4471-7019-8_Book_PrintPDF.pdf
Subject	-
Keywords	-
Trapped	no
Trapping Information Present	no
Repaired on Open	no
Optimized for Fast Web View	no
Thumbnails Present	no
Binding	left
Job Ticket Present	no

### Security

Encryption Type	not encrypted
Content Copying or Extraction	allowed
Content Access for Disabled Users	allowed
Adding or Modifying Annotations	allowed
Creating or Modifying Form Fields	allowed
Form Field Fill-in or Signing	allowed
Document Assembly	allowed
Other Document Modifications	allowed
Printing	high resolution

### Compression

Data format	binary
Document structure compressed	yes
Filters used	JPEG, ZIP



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## Certified PDF Workflow Information

### Status Incoming Document

Not Certified

### Action:

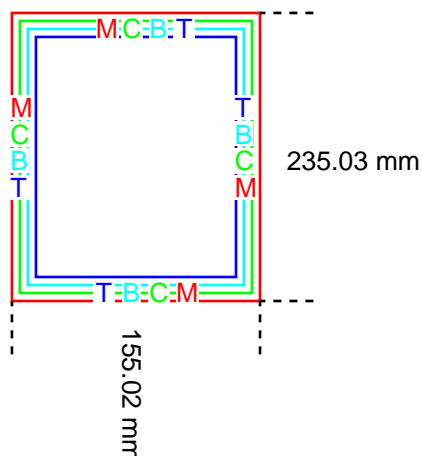
Started Certified PDF workflow

### Status Outgoing Document

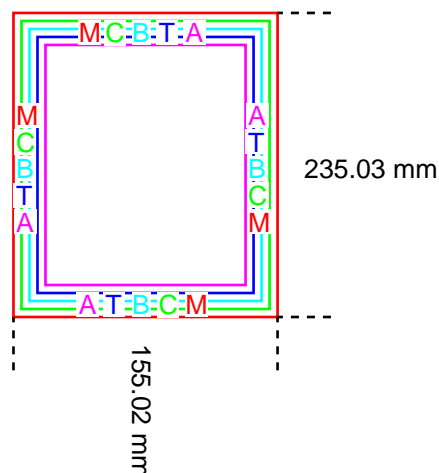
Preflight Profile Name:	SpringerPrint_Books_v08_1002
Author:	Mark Rübsam
Company:	Springer
Document Status	Preflighted successfully
Preflight Profile Status	Match



Defined page boxes



Effective page boxes



Page box	Defined size	Effective size
Media box (M)	155.02 x 235.03 mm	155.02 x 235.03 mm
Crop box (C)	155.02 x 235.03 mm	155.02 x 235.03 mm
Trim box (T)	155.02 x 235.03 mm	155.02 x 235.03 mm
Bleed box (B)	155.02 x 235.03 mm	155.02 x 235.03 mm
Art box (A)	not defined	155.02 x 235.03 mm

Defined for pages 1-264

Media box starts at : (0, 0) mm

Page rotation : 0 degrees

Page scaling factor : 1



## Font Information

	PostScript font name	Type	Embedded as	Subset	Encoding
🔍	Times-Roman	Type 1	Type 1	yes	Custom
🔍	Times-Italic	Type 1	Type 1	yes	Custom
🔍	Times-Bold	Type 1	Type 1	yes	Custom
🔍	MTMIB	Type 1	Type 1	yes	Custom
🔍	MTMI	Type 1	Type 1	yes	Custom
🔍	CMBSY10	Type 1	Type 1	yes	Custom
🔍	MTSYN	Type 1	Type 1	yes	Custom
🔍	Times-BoldItalic	Type 1	Type 1	yes	Custom
🔍	MSBM10	Type 1	Type 1	yes	Custom
🔍	MTEX	Type 1	Type 1	yes	Custom
🔍	CMSY10	Type 1	Type 1	yes	Custom
🔍	MSBM7	Type 1	Type 1	yes	Custom
🔍	CMSY8	Type 1	Type 1	yes	Custom
🔍	MSAM10	Type 1	Type 1	yes	Custom
🔍	Courier	Type 1	Type 1	yes	Custom
🔍	MTSYB	Type 1	Type 1	yes	Custom



## Image Information

Type	Color Space	Size (pixels)	Resolution (ppi)	Bits per channel	Page	Angle (degrees)	Shear	Flipped	Custom Transfer	Custom Halftone	Custom BG	Custom UCR
Grayscale	Gray	1606x1340	599.9x599.9	8	30	0	-	-	-	-	-	-
Color	CMYK	1606x1341	599.9x599.9	8	31	0	-	-	-	-	-	-
Color	Indexed	2512x1227	550x549.9	8	32	0	-	-	-	-	-	-
Color	Indexed	2512x1227	550x549.9	8	33	0	-	-	-	-	-	-
Color	CMYK	1346x1014	599.9x599.8	8	34	0	-	-	-	-	-	-
Color	Indexed	2512x1224	550x550	8	39	0	-	-	-	-	-	-
Color	Indexed	2512x826	550x549.9	8	41	0	-	-	-	-	-	-
Color	Indexed	2505x824	550x549.9	8	42	0	-	-	-	-	-	-
Color	Indexed	2505x824	550x549.9	8	45	0	-	-	-	-	-	-
Grayscale	Gray	2505x824	550x549.9	8	44	0	-	-	-	-	-	-
Color	CMYK	2740x1342	599.9x599.9	8	53	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	55	0	-	-	-	-	-	-
Color	Indexed	2512x820	550x549.8	8	55	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	58	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	59	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	59	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	60	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	61	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	62	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	63	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	63	0	-	-	-	-	-	-
Color	Indexed	2511x1233	550x549.9	8	65	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	70	0	-	-	-	-	-	-
Color	Indexed	2512x1214	578.9x578.9	8	72	0	-	-	-	-	-	-
Color	Indexed	2512x1214	550x549.9	8	73	0	-	-	-	-	-	-
Color	Indexed	2165x2627	550x550	8	74	0	-	-	-	-	-	-
Color	Indexed	2165x2628	549.9x550	8	75	0	-	-	-	-	-	-
Color	Indexed	2165x2628	550x550	8	76	0	-	-	-	-	-	-
Color	Indexed	2165x2625	549.9x550	8	77	0	-	-	-	-	-	-
Color	Indexed	2165x2625	549.9x550	8	78	0	-	-	-	-	-	-
Color	Indexed	2165x2627	549.9x550	8	79	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	88	0	-	-	-	-	-	-
Color	Indexed	2513x820	550x549.8	8	91	0	-	-	-	-	-	-
Color	Indexed	1668x1116	550x550	8	96	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	96	0	-	-	-	-	-	-
Color	Indexed	2512x820	550x549.8	8	97	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x549.9	8	103	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x549.9	8	103	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x549.9	8	104	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x549.9	8	105	0	-	-	-	-	-	-
Color	CMYK	1347x1347	599.9x599.9	8	106	0	-	-	-	-	-	-



## Image Information

Type	Color Space	Size (pixels)	Resolution (ppi)	Bits per channel	Page	Angle (degrees)	Shear	Flipped	Custom Transfer	Custom Halftone	Custom BG	Custom UCR
Color	CMYK	1347x1347	599.9x599.9	8	146	0	-	-	-	-	-	-
Color	CMYK	1347x1347	599.9x599.9	8	191	0	-	-	-	-	-	-
Color	CMYK	1347x1347	599.9x599.9	8	192	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550x549.9	8	107	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550.3x550.3	8	108	0	-	-	-	-	-	-
Color	Indexed	1473x1188	550x549.9	8	110	0	-	-	-	-	-	-
Color	Indexed	1473x1188	550x549.9	8	110	0	-	-	-	-	-	-
Color	Indexed	2512x1228	550x549.9	8	116	0	-	-	-	-	-	-
Color	Indexed	1228x1228	549.9x549.9	8	117	0	-	-	-	-	-	-
Color	CMYK	1346x1346	599.9x599.9	8	118	0	-	-	-	-	-	-
Color	Indexed	1668x1116	550.3x550.3	8	119	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550.3x550.3	8	123	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x550	8	125	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	127	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	127	0	-	-	-	-	-	-
Color	Indexed	2512x986	550x549.9	8	128	0	-	-	-	-	-	-
Color	Indexed	2512x986	550x549.9	8	128	0	-	-	-	-	-	-
Color	CMYK	1833x1232	599.9x599.9	8	129	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x550	8	129	0	-	-	-	-	-	-
Color	Indexed	2510x1094	550x550	8	131	0	-	-	-	-	-	-
Color	Indexed	2512x985	550x549.9	8	131	0	-	-	-	-	-	-
Color	Indexed	1234x1234	550x550	8	137	0	-	-	-	-	-	-
Color	Indexed	2512x1090	550x549.9	8	147	0	-	-	-	-	-	-
Color	Indexed	2512x983	550x549.9	8	147	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x549.9	8	148	0	-	-	-	-	-	-
Color	Indexed	2512x1226	550x549.9	8	149	0	-	-	-	-	-	-
Color	Indexed	2512x982	550x550	8	150	0	-	-	-	-	-	-
Color	Indexed	2515x984	550x550	8	150	0	-	-	-	-	-	-
Color	Indexed	1473x1181	550x549.9	8	151	0	-	-	-	-	-	-
Color	Indexed	2512x1224	550x549.9	8	178	0	-	-	-	-	-	-
Color	CMYK	2362x1356	599.9x599.9	8	179	0	-	-	-	-	-	-
Color	CMYK	2362x1356	599.9x599.9	8	181	0	-	-	-	-	-	-
Color	CMYK	2362x1356	599.9x599.9	8	182	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550.3x550.3	8	179	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550.3x550.3	8	182	0	-	-	-	-	-	-
Color	Indexed	1235x1235	550.3x550.4	8	180	0	-	-	-	-	-	-
Color	Indexed	1235x929	550x549.9	8	180	0	-	-	-	-	-	-
Color	CMYK	2362x1356	571.4x571.4	8	183	0	-	-	-	-	-	-
Color	Indexed	1235x1235	524.1x524.2	8	183	0	-	-	-	-	-	-
Color	Indexed	1235x929	523.8x523.8	8	183	0	-	-	-	-	-	-
Color	Indexed	1235x929	549.9x549.9	8	184	0	-	-	-	-	-	-



## Image Information

Type	Color Space	Size (pixels)	Resolution (ppi)	Bits per channel	Page	Angle (degrees)	Shear	Flipped	Custom Transfer	Custom Halftone	Custom BG	Custom UCR
Color	Indexed	2512x1225	550x549.9	8	196	0	-	-	-	-	-	-
Color	Indexed	1235x1235	549.9x550	8	203	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	203	0	-	-	-	-	-	-
Color	CMYK	1323x1323	599.9x599.9	8	205	0	-	-	-	-	-	-
Color	Indexed	1235x1235	549.9x550	8	206	0	-	-	-	-	-	-
Color	Indexed	1235x1235	549.9x549.9	8	210	0	-	-	-	-	-	-
Color	CMYK	1337x1337	599.9x599.9	8	211	0	-	-	-	-	-	-
Color	CMYK	1337x1337	599.9x599.9	8	213	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	212	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	213	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	214	0	-	-	-	-	-	-
Color	Indexed	2512x1225	550x549.9	8	218	0	-	-	-	-	-	-
Color	Indexed	2741x1336	599.9x599.9	8	220	0	-	-	-	-	-	-
Color	Indexed	2512x1229	550x549.9	8	221	0	-	-	-	-	-	-
Color	Indexed	2511x1224	550x549.9	8	225	0	-	-	-	-	-	-
Color	CMYK	2494x1225	549.9x549.9	8	256	0	-	-	-	-	-	-





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**OPI Information**

**No OPI**












Item	Value
Color Space	Separation (Process color)
Page	1,3-5,7-157,159-193,195-231,233-263
Name	■ Black
Alternate Space	CMYK
CMYK values	[0, 0, 0, 1]
Color Space	Gray
Page	3,14-15,17,22-23,25-42,44-46,48-56,58,61-73,78-79,81,83,86-109,111-119,121-128,130-146,148-151,159-162,164-173,175-177,180-181,184-187,190-191,193,195-199,201-204,207-210,214-215,218,220-221,223-226,228-230,233-234,236,238-240,243-245,247-248,250,253-255,257-258
Color Space	Separation (Process color)
Page	4
Name	■ Black
Alternate Space	CMYK
CMYK values	[0, 0, 0, 1]
Color Space	CMYK
Page	31-34,39,41-42,45,53,55,58-63,65,70,72-79,88,91,96-97,103-108,110,116-119,123,125,127-129,131,137,146-151,178-183,191-192,196,203,205-206,210-214,218,220-221,225,237-238,241,243,253-260
Color Space	Indexed
Page	32
Base Space	CMYK
Range	4
Color Space	Indexed
Page	39
Base Space	CMYK
Range	5
Color Space	Indexed
Page	41
Base Space	CMYK
Range	3
Color Space	Indexed
Page	55
Base Space	CMYK
Range	4
Color Space	Indexed
Page	58
Base Space	CMYK
Range	5
Color Space	Indexed
Page	60



Item	Value
Base Space Range	CMYK 6
 Color Space Page Base Space Range	Indexed 61 CMYK 7
 Color Space Page Base Space Range	Indexed 62 CMYK 7
 Color Space Page Base Space Range	Indexed 63 CMYK 9
 Color Space Page Base Space Range	Indexed 63 CMYK 9
 Color Space Page Base Space Range	Indexed 65 CMYK 9
 Color Space Page Base Space Range	Indexed 70 CMYK 9
 Color Space Page Base Space Range	Indexed 72 CMYK 9
 Color Space Page Base Space Range	Indexed 73 CMYK 8
 Color Space Page Base Space Range	Indexed 74 CMYK 12
 Color Space	Indexed



Item	Value
Page	75
Base Space	CMYK
Range	12
 Color Space	Indexed
Page	76
Base Space	CMYK
Range	12
 Color Space	Indexed
Page	78
Base Space	CMYK
Range	12
 Color Space	Indexed
Page	88
Base Space	CMYK
Range	5
 Color Space	Indexed
Page	96
Base Space	CMYK
Range	9
 Color Space	Indexed
Page	96
Base Space	CMYK
Range	4
 Color Space	Indexed
Page	97
Base Space	CMYK
Range	4
 Color Space	Indexed
Page	103
Base Space	CMYK
Range	7
 Color Space	Indexed
Page	104
Base Space	CMYK
Range	7
 Color Space	Indexed
Page	107
Base Space	CMYK
Range	8



## Color Information

Item	Value
Color Space	Indexed
Page	108
Base Space	CMYK
Range	8
Color Space	Indexed
Page	110
Base Space	CMYK
Range	6
Color Space	Indexed
Page	116
Base Space	CMYK
Range	5
Color Space	Indexed
Page	117
Base Space	CMYK
Range	4
Color Space	Indexed
Page	119
Base Space	CMYK
Range	5
Color Space	Indexed
Page	123
Base Space	CMYK
Range	3
Color Space	Indexed
Page	125
Base Space	CMYK
Range	4
Color Space	Indexed
Page	127
Base Space	CMYK
Range	5
Color Space	Indexed
Page	127
Base Space	CMYK
Range	8
Color Space	Indexed
Page	128
Base Space	CMYK
Range	8



Item	Value
Color Space	Indexed
Page	129
Base Space	CMYK
Range	8
Color Space	Indexed
Page	131
Base Space	CMYK
Range	8
Color Space	Indexed
Page	147
Base Space	CMYK
Range	7
Color Space	Indexed
Page	147
Base Space	CMYK
Range	10
Color Space	Indexed
Page	149
Base Space	CMYK
Range	6
Color Space	Indexed
Page	150
Base Space	CMYK
Range	10
Color Space	Indexed
Page	150
Base Space	CMYK
Range	10
Color Space	Indexed
Page	151
Base Space	CMYK
Range	7
Color Space	Indexed
Page	179
Base Space	CMYK
Range	7
Color Space	Indexed
Page	180
Base Space	CMYK
Range	7



Item	Value
Color Space	Indexed
Page	183
Base Space	CMYK
Range	4
Color Space	Indexed
Page	196
Base Space	CMYK
Range	6
Color Space	Indexed
Page	203
Base Space	CMYK
Range	5
Color Space	Indexed
Page	203
Base Space	CMYK
Range	8
Color Space	Indexed
Page	210
Base Space	CMYK
Range	7
Color Space	Indexed
Page	212
Base Space	CMYK
Range	6
Color Space	Indexed
Page	218
Base Space	CMYK
Range	4
Color Space	Indexed
Page	220
Base Space	CMYK
Range	22
Color Space	Indexed
Page	221
Base Space	CMYK
Range	5
Color Space	Indexed
Page	225
Base Space	CMYK
Range	4



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## Output Intents

### GTS\_PDFX

Output condition	ISO Coated v2 300% (ECI)
Output condition identifier	Custom
Additional information	ISO Coated v2 300% (ECI)
Destination output profile	ISO Coated v2 300% (ECI)