



Warnings

- Book PDF contains color pages (more than 1 separation) (142206x on pages 1-388)
- Font Symbol uses an artificial italic style (6x on page 107)



Fixes

- Remapped Device grayscale color space to Separation color space, keeping overprint (1x on page 4)
- Changed PDF/X version key to PDF/X-3:2002
- Changed PDF/X-3:2002 Output Intent to Custom
- Changed black text to overprint (1x on page 4)
- Compressed objects using ZIP compression (6x)



Processing

Certified PDF status	Preflighted successfully
Preflight Profile	SpringerPrint_Books_v08_1002
Created by	Mark Rübsam
	Springer
Pages processed	1-388
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 12, 2016 - 15:54:20 [August 12, 2016 - 21:24:20]

Document properties

Document Name	978-3-319-38226-5_Book_PrintPDF.pdf
Number of pages	388
PDF Version	1.3
Creation Date	UTC: August 12, 2016 - 15:51:47 [August 12, 2016 - 21:21:47]
Modification Date	UTC: August 12, 2016 - 15:53:12 [August 12, 2016 - 21:23:12]
Producer	Acrobat Distiller 11.0 (Windows)
Creator	Adobe Acrobat Pro 9.0.0
Author	0001195
Title	978-3-319-38226-5_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	CCITT, JPEG, ZIP



Status Incoming Document

Not Certified

Action:

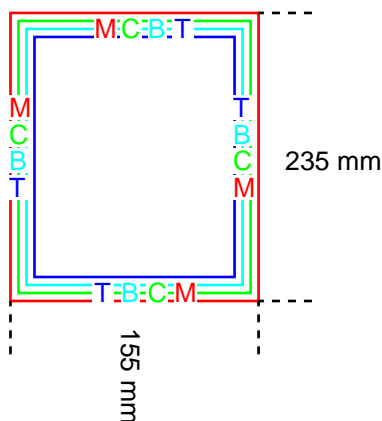
Started Certified PDF workflow

Status Outgoing Document

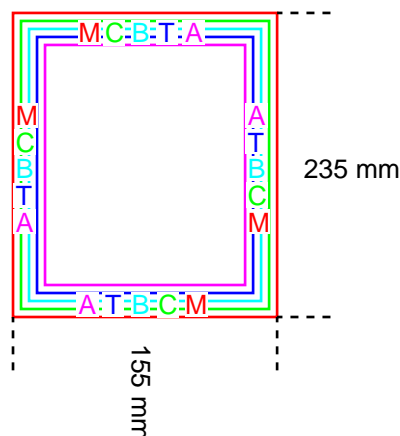
Preflight Profile Name:	SpringerPrint_Books_v08_1002
Author:	Mark Rübsam
Company:	Springer
Document Status	Preflighted successfully
Preflight Profile Status	Match



Defined page boxes



Effective page boxes



Page box	Defined size	Effective size
Media box (M)	155 x 235 mm	155 x 235 mm
Crop box (C)	155 x 235 mm	155 x 235 mm
Trim box (T)	155 x 235 mm	155 x 235 mm
Bleed box (B)	155 x 235 mm	155 x 235 mm
Art box (A)	not defined	155 x 235 mm

Defined for pages 1-388

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
🔍	AdvGTIMES-B	Type 1	Type 1	yes	Custom
🔍	AdvGTIMES-IT	Type 1	Type 1	yes	Custom
🔍	AdvGTIMES-R	Type 1	Type 1	yes	Custom
🔍	AdvSPRING-R	Type 1	Type 1	yes	Custom
🔍	AdvPSSym	Type 1	Type 1	yes	Custom
🔍	Times-Roman	Type 1	Type 1	yes	Custom
🔍	AdvPSMP10	Type 1	Type 1	yes	Custom
🔍	Times-Bold	Type 1	Type 1	yes	Custom
🔍	Times-Italic	Type 1	Type 1	yes	Custom
🔍	BLEX	Type 1	Type 1	yes	Custom
🔍	MTSYN	Type 1	Type 1	yes	Custom
🔍	CMMI10	Type 1	Type 1	yes	Custom
🔍	MTMI	Type 1	Type 1	yes	Custom
🔍	Times-BoldItalic	Type 1	Type 1	yes	Custom
🔍	CMSY10	Type 1	Type 1	yes	Custom
🔍	CMSY8	Type 1	Type 1	yes	Custom
🔍	Symbol	Type 1	Type 1	yes	Custom
🔍	CMR10	Type 1	Type 1	yes	Custom
🔍	RMTMIB	Type 1	Type 1	yes	Custom
🔍	Helvetica	Type 1	Type 1	yes	Custom
🔍	AdvPTimes	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	Separation: Black (Process color)	1795x650	599.7x599.3	8	33	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x786	599.7x599.4	8	52	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x915	599.6x599.5	8	54	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x942	599.7x599.5	8	54	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1777x847	593.6x593.3	8	56	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1788x879	599.7x599.5	8	57	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x762	599.6x599.4	8	60	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1168x622	599.6x599.2	8	61	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x717	599.6x599.3	8	63	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	945x641	599.5x599.3	8	65	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	929x877	599.5x599.5	8	66	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
Grayscale	Separation: Black (Process color)	1407x1038	599.7x599.5	8	70	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2834x764	1200x1200	1	75	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3591x1778	1200x1200	1	75	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2835x1115	1200x1200	1	76	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3592x2653	1200x1200	1	76	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3594x2982	1200x1200	1	77	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	746x1932	1200x1200	1	77	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2373x1842	1200x1200	1	78	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2362x2040	1200x1200	1	79	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2835x2372	1200x1200	1	79	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2362x2130	1200x1200	1	80	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
Mask	Separation: Black (Process color)	2362x2298	1200x1200	1	80	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2358x2174	1200x1200	1	81	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2364x2158	1200x1200	1	81	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2835x2665	1200x1200	1	82	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3591x1718	1200x1200	1	82	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2835x2739	1200x1200	1	83	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2362x2311	1200x1200	1	84	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	2362x2319	1200x1200	1	84	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3591x532	1200x1200	1	87	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	1912x902	1200x1200	1	88	0	-	-	-	-	-	-
Mask	Separation: Black (Process color)	3593x1865	1200x1200	1	89	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
Mask	Separation: Black (Process color)	2835x2465	1200x1200	1	92	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1418x1025	599.7x599.5	8	102	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1405x550	594.4x593.7	8	121	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x1107	599.6x599.6	8	124	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1164x1070	591x590.9	8	126	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1402x1371	593.1x593.2	8	127	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x1069	599.7x599.6	8	137	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x562	599.7x599.1	8	145	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1787x824	599.7x599.4	8	163	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1788x1081	599.7x599.6	8	163	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1418x676	599.7x599.3	8	171	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
Grayscale	Separation: Black (Process color)	2356x1265	598.3x598	8	171	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1794x810	599.7x599.4	8	174	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1791x1033	599.7x599.5	8	175	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	944x348	599.5x598.6	8	178	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	946x354	599.5x598.6	8	181	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1415x892	599.7x599.5	8	183	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x599	599.7x599.2	8	184	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2126x476	599.8x599	8	187	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1278x556	360.9x360.7	8	188	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1432x377	405.8x405.3	8	188	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1964x175	433.9x432.9	8	192	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
Grayscale	Separation: Black (Process color)	1458x858	485.8x485.6	8	194	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1555x881	437.6x437.5	8	194	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2716x2079	599.8x599.8	8	195	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2710x945	599.8x599.5	8	200	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2717x733	599.8x599.3	8	200	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2358x552	599.8x599.1	8	201	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2360x754	599.9x599.4	8	201	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2362x564	599.9x599.2	8	201	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2717x970	599.8x599.5	8	202	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1414x1065	599.7x599.5	8	217	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2717x569	599.8x599.2	8	222	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
Grayscale	Separation: Black (Process color)	1410x1059	599.7x599.5	8	223	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1419x960	599.7x599.5	8	231	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1419x960	599.7x599.5	8	233	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1789x1346	599.7x599.6	8	238	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	944x685	599.5x599.3	8	240	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1418x874	599.7x599.5	8	243	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2127x397	599.8x598.8	8	243	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x1124	599.7x599.6	8	247	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x857	599.7x599.4	8	247	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x1331	599.7x599.6	8	251	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x884	599.6x599.5	8	252	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
Grayscale	Separation: Black (Process color)	1795x269	599.7x598.2	8	267	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x279	599.7x598.3	8	267	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x1148	599.7x599.6	8	268	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x1353	599.7x599.6	8	268	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	802x548	407.1x407	8	284	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	803x625	407.6x407.6	8	284	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1120x517	374.2x374.1	8	285	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	361x316	367.2x367.2	8	297	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	768x467	325x324.9	8	297	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	675x327	428.3x427.9	8	298	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	523x365	442.3x442.2	8	302	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
Grayscale	Separation: Black (Process color)	524x286	443.1x442.8	8	304	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	503x213	425.3x424.9	8	305	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	477x275	403.4x403.1	8	308	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	580x215	420.5x419.8	8	308	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1171x227	330.1x329.5	8	315	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	898x385	379.9x379.7	8	318	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1083x724	305.5x305.5	8	323	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1063x721	299.9x299.8	8	324	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1343x910	378.9x378.8	8	324	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1327x812	374.4x374.3	8	325	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1101x694	310.6x310.5	8	326	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
Grayscale	Separation: Black (Process color)	1347x832	380x379.9	8	326	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1084x676	305.8x305.8	8	327	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	813x322	515.8x515.1	8	327	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x1122	599.6x599.6	8	330	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1181x1148	599.6x599.6	8	331	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x967	599.7x599.5	8	332	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x950	599.7x599.5	8	334	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1417x1057	599.7x599.5	8	339	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x1041	599.7x599.5	8	339	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2599x1003	599.8x599.5	8	345	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1783x974	599.7x599.5	8	360	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
Grayscale	Separation: Black (Process color)	1795x988	599.7x599.5	8	360	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1491x802	499.8x499.5	8	361	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x869	499.8x499.6	8	361	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x817	499.8x499.5	8	362	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1507x825	499.8x499.6	8	362	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x483	499.8x499.4	8	365	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x686	499.8x499.5	8	371	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x702	499.8x499.5	8	371	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1499x786	499.8x499.5	8	371	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x777	499.8x499.7	8	372	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x837	499.8x499.7	8	372	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
Grayscale	Separation: Black (Process color)	1498x781	499.8x499.5	8	372	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x857	499.8x499.6	8	373	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1496x845	499.8x499.6	8	374	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	2272x1717	501.7x501.6	8	374	0	-	-	-	-	-	-
Grayscale	Separation: Black (Process color)	1795x1756	599.7x599.7	8	385	0	-	-	-	-	-	-



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OPI Information

No OPI



Item	Value
Color Space	Separation (Process color)
Page	1-5,7-9,11-21,23-71,73-93,95-133,135-223,225-269,271-377,379-388
Name	■ Black
Alternate Space	CMYK
CMYK values	[0, 0, 0, 1]
Color Space	Gray
Page	3,6,10,22,33,52,54,56-57,60-61,63,65-66,70,72,75-84,87-89,92,94,102,107-108,121,124,126-127,134,137,145,163,171,174-175,178,181,183-184,187-188,192,194-195,200-202,217,222-224,231,233,238,240,243,247,251-252,267-268,270,284-285,297-298,302,304-305,308-309,313,315,318,323-327,330-332,334,339,341,345,360-362,365,371-374,378,381,383,385
Color Space	Separation (Process color)
Page	4
Name	■ Black
Alternate Space	CMYK
CMYK values	[0, 0, 0, 1]
Color Space	CMYK
Page	25,27-36,38-48,52-71,85-92,95-108,110,112-132,138,146,150-152,154-156,158-162,165-170,173-192,196-200,205-222,226-230,232-233,235-240,242,246-252,254-266,272-283,285-291,294-295,297-299,302-317,319-322,325,331-344,349-360,363-373,381,383-384



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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)