











Warnings

-  RGB Black or impure CMYK Black is used (4568x on pages 1-25)
-  RGB Gray or impure CMYK Gray is used (4717x on pages 1-25)
-  Document contains unused destinations
-  Document contains actions of type URI
-  Document Title is not empty
-  Text of 3.95...4.98 pt is less than 5 pt (4x on pages 16,21,24)
-  Text of 3.95...6.97 pt, colored with 2 or more separations, is less than 7 pt (458x on pages 2-8,10-17,19-24)
-  External hyperlink is used --> check for replacement of ext. link with internal link e.g. chapter to chapter in bookwise PDF (26x on pages 1-3,5-8,17,20)



Fixes

-  Changed annotation to printing (117x on pages 1-8,11-20,22-23)
-  Compressed objects using ZIP compression (29x)



Processing

Preflight Profile	SpringerNature_Online_Books_V13_2016_10_06
Created by	Mark Rübsam / Klaus Rüschhoff SpringerNature
Pages processed	1-25
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: December 13, 2017 - 14:40:34 [December 13, 2017 - 20:10:34]

Document properties

Document Name	385264_1_En_2_Chapter_OnlinePDF.pdf
Number of pages	25
PDF Version	1.4
Creation Date	UTC: December 13, 2017 - 14:39:52 [December 13, 2017 - 20:09:52]
Modification Date	UTC: December 13, 2017 - 14:40:12 [December 13, 2017 - 20:10:12]
Producer	Acrobat Distiller 9.4.5 (Windows)
Creator	Arbortext Advanced Print Publisher 9.0.223/W Unicode
Author	-
Title	0002739165 29..53 ++
Subject	-
Keywords	-
Trapped	unknown
Trapping Information Present	no
Repaired on Open	no
Optimized for Fast Web View	yes
Thumbnails Present	yes
Binding	left
Job Ticket Present	no

Security

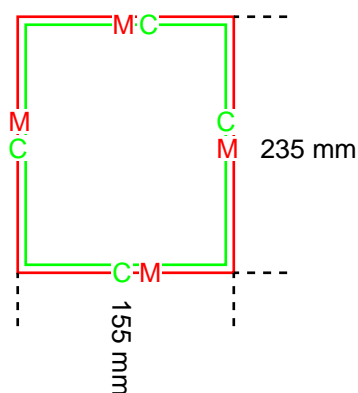
Encryption Type	not encrypted
Content Copying or Extraction	allowed
Content Access for Disabled Users	allowed
Adding or Modifying Annotations	allowed
Creating or Modifying Form Fields	allowed
Form Field Fill-in or Signing	allowed
Document Assembly	allowed
Other Document Modifications	allowed
Printing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

Compression

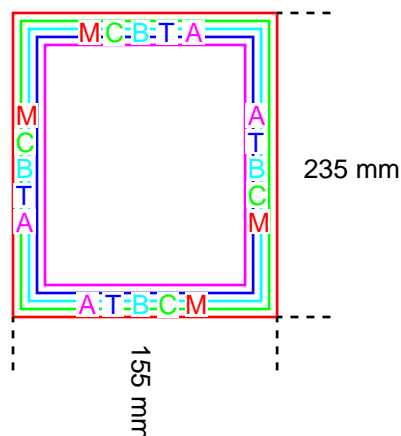
Data format	binary
Document structure compressed	yes
Filters used	ZIP



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)	not defined	155 x 235 mm
Bleed box (B)	not defined	155 x 235 mm
Art box (A)	not defined	155 x 235 mm

Defined for pages 1-25

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
🔍	AdvP6960	Type 1	Type 1	yes	WinAnsi
🔍	AdvP6965	Type 1	Type 1	yes	WinAnsi
🔍	AdvP696A	Type 1	Type 1	yes	MacRoman
🔍	AdvP6975	Type 1	Type 1	yes	Custom
🔍	AdvTT5843c571	Type 1	Type 1	yes	WinAnsi
🔍	AdvOT8608a8d1+03	Type 1	Type 1	yes	Custom
🔍	AdvP4C4E46	Type 1	Type 1	yes	Custom
🔍	AdvP4C4E51	Type 1	Type 1	yes	WinAnsi
🔍	AdvP4C4E59	Type 1	Type 1	yes	Custom
🔍	AdvP4C4E74	Type 1	Type 1	yes	Custom
🔍	AdvTTb8864ccf.B+22	Type 1	Type 1	yes	Custom
🔍	AdvTimes-bi	Type 1	Type 1	yes	WinAnsi
🔍	AdvTT97cacd14+22	Type 1	Type 1	yes	Custom
🔍	AdvTT5843c571+20	Type 1	Type 1	yes	WinAnsi
🔍	AdvOTdd3b7348.l+03	Type 1	Type 1	yes	Custom
🔍	AdvOT8b40f9c2.B+03	Type 1	Type 1	yes	Custom
🔍	AdvTTf90d833a.l+20	Type 1	Type 1	yes	WinAnsi
🔍	AdvTT5843c571+22	Type 1	Type 1	yes	Custom
🔍	Helvetica	Type 1	Type 1	yes	WinAnsi
🔍	SymbolItalic	Type 1	Type 1	no	WinAnsi
🔍	Symbol	Type 1	Type 1	no	Custom



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Image Information

No images



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OPI Information

No OPI



Item	Value
Color Space	ICC based
Page	1-25
Range	[0, 1, 0, 1, 0, 1]
ICC Name	sRGB IEC61966-2.1
ICC Space	RGB
Color Space	Separation (Process color)
Page	24
Name	Black
Alternate Space	ICC based



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Output Intents

No Output Intents

Challenges in Fluid Dynamics

A New Approach

Zeytounian, R.K.

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