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Abstract

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Keywords and phrases Topic X

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Editors: Marcus and Jean-Pierre; Article No. 23; pp. 23:1–23:6



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35 ■ `\authorrunning` and `\Copyright` (concatenated author names)
 36 The `\author` macros and the `\Copyright` macro should contain full author names (espe-
 37 cially with regard to the first name), while `\authorrunning` should contain abbreviated
 38 first names.
 39 ■ `\ccsdesc` (ACM classification, see <https://www.acm.org/publications/class-2012>).
 40 ■ `\keywords` (a comma-separated list of keywords).
 41 ■ `\relatedversion` (if there is a related version, typically the “full version”); please make
 42 sure to provide a persistent URL, e.g., at arXiv.
 43 ■ `\begin{abstract}...\end{abstract}` .

44 Please do not ...

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 46 specific, a short checklist also used by Dagstuhl Publishing during the final typesetting is
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 58 only the content that should be published – in one file – and nothing else.
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 67 [lipics-v2021-authors/lipics-v2021-authors-guidelines.pdf](http://drops.dagstuhl.de/styles/lipics-v2021/lipics-v2021-authors/lipics-v2021-authors-guidelines.pdf)

68 2 Lorem ipsum dolor sit amet

69 Lorem ipsum dolor sit amet, consectetur adipiscing elit [4]. Praesent convallis orci arcu, eu
 70 mollis dolor. Aliquam eleifend suscipit lacinia. Maecenas quam mi, porta ut lacinia sed,
 71 convallis ac dui. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse potenti.
 72 Donec eget odio et magna ullamcorper vehicula ut vitae libero. Maecenas lectus nulla, auctor
 73 nec varius ac, ultricies et turpis. Pellentesque id ante erat. In hac habitasse platea dictumst.
 74 Curabitur a scelerisque odio. Pellentesque elit risus, posuere quis elementum at, pellentesque
 75 ut diam. Quisque aliquam libero id mi imperdiet quis convallis turpis eleifend.

76 ► **Lemma 1** (Lorem ipsum). *Vestibulum sodales dolor et dui cursus iaculis. Nullam ullam-*
 77 *corper purus vel turpis lobortis eu tempus lorem semper. Proin facilisis gravida rutrum.*
 78 *Etiam sed sollicitudin lorem. Proin pellentesque risus at elit hendrerit pharetra. Integer at*
 79 *turpis varius libero rhoncus fermentum vitae vitae metus.*

106 ■ **Listing 1** Useless code.

```
for i:=maxint to 0 do
begin
  j:=square(root(i));
end;
```

80 **Proof.** Cras purus lorem, pulvinar et fermentum sagittis, suscipit quis magna.

81 **Just some paragraph within the proof.** Nam liber tempor cum soluta nobis eleifend option
82 congue nihil imperdiet doming id quod mazim placerat facer possim assum. Lorem ipsum
83 dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut
84 laoreet dolore magna aliquam erat volutpat.

85 ▷ **Claim 2.** content...

86 Proof. content...

87 1. abc abc abc

88

89 ► **Corollary 3** (Curabitur pulvinar, [2]). *Nam liber tempor cum soluta nobis eleifend option*
90 *congue nihil imperdiet doming id quod mazim placerat facer possim assum. Lorem ipsum*
91 *dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut*
92 *laoreet dolore magna aliquam erat volutpat.*

93 ► **Proposition 4.** *This is a proposition*

94 Proposition 4 and Proposition 4 ...

95 2.1 Curabitur dictum felis id sapien

96 Curabitur dictum Corollary 3 felis id sapien Corollary 3 mollis ut venenatis tortor feugiat.
97 Curabitur sed velit diam. Integer aliquam, nunc ac egestas lacinia, nibh est vehicula nibh, ac
98 auctor velit tellus non arcu. Vestibulum lacinia ipsum vitae nisi ultrices eget gravida turpis
99 laoreet. Duis rutrum dapibus ornare. Nulla vehicula vulputate iaculis. Proin a consequat
100 neque. Donec ut rutrum urna. Morbi scelerisque turpis sed elit sagittis eu scelerisque quam
101 condimentum. Pellentesque habitant morbi tristique senectus et netus et malesuada fames
102 ac turpis egestas. Aenean nec faucibus leo. Cras ut nisl odio, non tincidunt lorem. Integer
103 purus ligula, venenatis et convallis lacinia, scelerisque at erat. Fusce risus libero, convallis at
104 fermentum in, dignissim sed sem. Ut dapibus orci vitae nisl viverra nec adipiscing tortor
105 condimentum [1]. Donec non suscipit lorem. Nam sit amet enim vitae nisl accumsan pretium.

107 2.2 Proin ac fermentum augue

108 Proin ac fermentum augue. Nullam bibendum enim sollicitudin tellus egestas lacinia euismod
109 orci mollis. Nulla facilisi. Vivamus volutpat venenatis sapien, vitae feugiat arcu fringilla ac.
110 Mauris sapien tortor, sagittis eget auctor at, vulputate pharetra magna. Sed congue, dui
111 nec vulputate convallis, sem nunc adipiscing dui, vel venenatis mauris sem in dui. Praesent
112 a pretium quam. Mauris non mauris sit amet eros rutrum aliquam id ut sapien. Nulla
113 aliquet fringilla sagittis. Pellentesque eu metus posuere nunc tincidunt dignissim in tempor
114 dolor. Nulla cursus aliquet enim. Cras sapien risus, accumsan eu cursus ut, commodo vel

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115 velit. Praesent aliquet consectetur ligula, vitae iaculis ligula interdum vel. Integer faucibus
116 faucibus felis.

117 ■ Ut vitae diam augue.

118 ■ Integer lacus ante, pellentesque sed sollicitudin et, pulvinar adipiscing sem.

119 ■ Maecenas facilisis, leo quis tincidunt egestas, magna ipsum condimentum orci, vitae
120 facilisis nibh turpis et elit.

121 ► Remark 5. content...

122 3 Pellentesque quis tortor

123 Nec urna malesuada sollicitudin. Nulla facilisi. Vivamus aliquam tempus ligula eget ornare.
124 Praesent eget magna ut turpis mattis cursus. Aliquam vel condimentum orci. Nunc congue,
125 libero in gravida convallis [3], orci nibh sodales quam, id egestas felis mi nec nisi. Suspendisse
126 tincidunt, est ac vestibulum posuere, justo odio bibendum urna, rutrum bibendum dolor sem
127 nec tellus.

128 ► **Lemma 6** (Quisque blandit tempus nunc). *Sed interdum nisl pretium non. Mauris sodales
129 consequat risus vel consectetur. Aliquam erat volutpat. Nunc sed sapien ligula. Proin faucibus
130 sapien luctus nisl feugiat convallis faucibus elit cursus. Nunc vestibulum nunc ac massa
131 pretium pharetra. Nulla facilisis turpis id augue venenatis blandit. Cum sociis natoque
132 penatibus et magnis dis parturient montes, nascetur ridiculus mus.*

133 Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam
134 vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit
135 amet neque.

136 4 Morbi eros magna

137 Morbi eros magna, vestibulum non posuere non, porta eu quam. Maecenas vitae orci risus,
138 eget imperdiet mauris. Donec massa mauris, pellentesque vel lobortis eu, molestie ac turpis.
139 Sed condimentum convallis dolor, a dignissim est ultrices eu. Donec consectetur volutpat
140 eros, et ornare dui ultricies id. Vivamus eu augue eget dolor euismod ultrices et sit amet nisi.
141 Vivamus malesuada leo ac leo ullamcorper tempor. Donec justo mi, tempor vitae aliquet non,
142 faucibus eu lacus. Donec dictum gravida neque, non porta turpis imperdiet eget. Curabitur
143 quis euismod ligula.

144 — References —

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155 **A** Styles of lists, enumerations, and descriptions

156 List of different predefined enumeration styles:

157 ■ `\begin{itemize}...\end{itemize}`

158 ■ ...

159 ■ ...

160 1. `\begin{enumerate}...\end{enumerate}`

161 2. ...

162 3. ...

163 (a) `\begin{alphaenumerate}...\end{alphaenumerate}`

164 (b) ...

165 (c) ...

166 (i) `\begin{romanenumerate}...\end{romanenumerate}`

167 (ii) ...

168 (iii) ...

169 (1) `\begin{bracketenumerate}...\end{bracketenumerate}`

170 (2) ...

171 (3) ...

172 **Description 1** `\begin{description} \item[Description 1] ... \end{description}`

173 **Description 2** Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.

174 Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus

175 massa sit amet neque.

176 **Description 3** ...

177 Proposition 10 and Proposition 10 ...

178 **B** Theorem-like environments

179 List of different predefined enumeration styles:

180 ► **Theorem 7.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*

181 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*

182 *sit amet neque.*

183 ► **Lemma 8.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*

184 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*

185 *sit amet neque.*

186 ► **Corollary 9.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*

187 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*

188 *sit amet neque.*

189 ► **Proposition 10.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo*

190 *dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*

191 *massa sit amet neque.*

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192 ► **Conjecture 11.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo*
193 *dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*
194 *massa sit amet neque.*

195 ► **Observation 12.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et*
196 *leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*
197 *massa sit amet neque.*

198 ► **Exercise 13.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo*
199 *dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*
200 *massa sit amet neque.*

201 ► **Definition 14.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo*
202 *dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*
203 *massa sit amet neque.*

204 ► **Example 15.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo*
205 *dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus*
206 *massa sit amet neque.*

207 ► **Note 16.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*
208 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*
209 *sit amet neque.*

210 ► **Note.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam*
211 *vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit*
212 *amet neque.*

213 ► **Remark 17.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*
214 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*
215 *sit amet neque.*

216 ► **Remark.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*
217 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*
218 *sit amet neque.*

219 ▷ **Claim 18.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*
220 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*
221 *sit amet neque.*

222 ▷ **Claim.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.*
223 *Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa*
224 *sit amet neque.*

225 **Proof.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam*
226 *vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit*
227 *amet neque.* ◀

228 **Proof.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam*
229 *vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit*
230 *amet neque.* ◀