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Abstract

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2012 ACM Subject Classification Replace ccsdesc macro with valid one

Keywords and phrases Dummy keyword

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- 45 cially with regard to the first name), while `\authorrunning` should contain abbreviated
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76 2 Lorem ipsum dolor sit amet

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

■ **Listing 1** Useless code

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

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

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

89 ▷ **Claim 2.** content...

90 Proof. content... ◁

91 ◀

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

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

97 ?? and ?? ...

98 2.1 Curabitur dictum felis id sapien

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

109 2.2 Proin ac fermentum augue

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

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119 ■ Ut vitae diam augue.
120 ■ Integer lacus ante, pellentesque sed sollicitudin et, pulvinar adipiscing sem.
121 ■ Maecenas facilisis, leo quis tincidunt egestas, magna ipsum condimentum orci, vitae
122 facilisis nibh turpis et elit.

123 ► Remark 5. content...

124 3 Pellentesque quis tortor

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

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

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

138 A Morbi eros magna

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

146 A Styles of lists, enumerations, and descriptions

147 List of different predefined enumeration styles:

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

149 ■ ...

150 ■ ...

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

152 2. ...

153 3. ...

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

155 (b) ...

156 (c) ...

```

157 (i) \begin{romanenumerate}...\end{romanenumerate}
158 (ii) ...
159 (iii) ...

160 (1) \begin{bracketenumerate}...\end{bracketenumerate}
161 (2) ...
162 (3) ...

163 Description 1 \begin{description} \item[Description 1] ... \end{description}
164 Description 2 Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.
165     Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus
166     massa sit amet neque.
167 Description 3 ...

168 ?? and ?? ...

```

169 **B** Theorem-like environments

170 List of different predefined enumeration styles:

```

171 ► Theorem 7. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo
172 dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus
173 massa sit amet neque.

174 ► Lemma 8. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.
175 Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa
176 sit amet neque.

177 ► Corollary 9. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.
178 Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa
179 sit amet neque.

180 ► Proposition 10. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo
181 dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus
182 massa sit amet neque.

183 ► Exercise 11. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo
184 dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus
185 massa sit amet neque.

186 ► Definition 12. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo
187 dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus
188 massa sit amet neque.

189 ► Example 13. 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.

192 ► Note 14. Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.
193 Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa
194 sit amet neque.

```

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

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

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

204 ▷ **Claim 16.** Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui.
205 Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa
206 sit amet neque.

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