%PDF-1.4 %• 4 0 obj (I Introduction) endobj 5 0 obj << /D (section.2) /S /GoTo >> endobj 8 0 obj (II The Jensen-Fisher divergence measure) endobj 9 0 obj << /D (section.3) /S /GoTo >> endobj 12 0 obj (III Jensen-Shannon and Jensen-Fisher divergences: Mutual comparison) endobj 13 0 obj << /D (subsection.3.1) /S /GoTo >> endobj 16 0 obj (III-A Sinusoidal densities) endobj 17 0 obj << /D (subsection.3.2) /S /GoTo >> endobj 20 0 obj (III-B Generalized gamma-like densities) endobj 21 0 obj << /D (subsection.3.3) /S /GoTo >> endobj 24 0 obj (III-C Rakhmanov-Hermite densities) endobj 25 0 obj << /D (section.4) /S /GoTo >> endobj 28 0 obj (IV Conclusions and open problems) endobj 29 0 obj << /D (section*.2) /S /GoTo >> endobj 32 0 obj (References) endobj 33 0 obj << /D [34 0 R /Fit] /S /GoTo >> endobj 63 0 obj << /Filter /FlateDecode /Length 5810 >> stream
[illegible]
endstream endobj 34 0 obj << /Type /Page /Annots [35 0 R 36 0 R 37 0 R 38 0 R 39 0 R 40 0 R 41 0 R 42 0 R 43 0 R 44 0 R 45 0 R 46 0 R 47 0 R 48 0 R 49 0 R 50 0 R 51 0 R 52 0 R 53 0 R 54 0 R 55 0 R 56 0 R 57 0 R 58 0 R 59 0 R] /Contents [63 0 R 426 0 R] /MediaBox [0 0 612 792] /Parent 80 0 R /Resources 62 0 R >> endobj 35 0 obj << /Type /Annot /Subtype /Link /A << /D (cite.lin:itit91) /S /GoTo >> /BS << /S /S /W 1 >> /Border [0 0 1] /C [0 1 0] /H /I /Rect [270.939 256.197 277.913 268.152] >> endobj 36 0 obj << /Type /Annot /Subtype /Link /A << /D (cite.rao_iln87) /S /GoTo >> /BS << /S /S /W 1 >> /Border [0 0 1] /C [0 1 0] /H /I /Rect [288.232 256.197 295.206 268.152] >> endobj 37 0 obj << /Type /Annot /Subtype /Link /A << /D (equation.1.1) /S /GoTo >> /BS << /S /S /W 1 >> /Border [0 0 1] /C [1 0 0] /H /I /Rect [125.493 144.593 132.467 155.537] >> ...

ğB²>`ë¥¼Œ bá5ŸÛ• á†!·ï~ìÑ ºD• ël^S ¬ –¸ GÔÊ†ð ™Á€;oÓ, #"Ê—• ˆðÎ2ô\öll•···š ÿønÛ%ØúÆÛÂD»œ ÀÆ• 1[• `g%U Ÿ¯&ÎÈ›¸Ç¿ ŸvQ)h×NM.Êâ¥'o M¡ NYâ œ_h)ˆhöëhw Q Ñ ™ é=º¦ n,´Î{ô• ¤„ œÍæ«'• Øğ$¥AP ô ôØ• £-• • p k,ºŠ H·Â s i ™]'—B~Ê I.^…"ôÂÎÑÛ {ıjèx;ôVÂ—²ièÒ _bmj6v2&ñ#€E(½ ‹)
à¹³• Ç ß+ ³&Û• á'Y5Ô?dYX1g9:,d-a'Û• ,.¢ıÂcà´g• ˆâkg]¤Ø UY Œ û^un• /Z[ŞÛ KÖŷp&ãñä.èQ _$W PwL›/ãµ Ò`Ø¤…(ñTÍRhJI ÉµïŠ@Ì×ƒ ¼j· 7•·fö• hgSR ® Q"Wo(±Ÿ ıûÊ)Ì»§0øÔëÊ lwsZ ÎĞM»Ê©x,á·´ #2ÊW3ÙgF¦«Âå;Ó\" ,• á ‡ª ã•Ê%†1 • Û"Ô^ ²ît ! €‡ ×'«BÿÂpÃÛ ÓOjÂdgCo˜= wÇ[Û xwéZAçRÇôã•
[ÃôÈ, ½¿wÓØü)ÍÂ pCÓ<óâÛ'€Q di É –]• » Áµ‰z?à tÛv?ı°Êô«|ßµÂ9Cc—© ŒÆA69ó~ÔŠ5C 8âØcpJ× ÚĞ´œ;æ_R•À %Bw‡ âe>~Óía®° â‡µ gÎê< ın" ¤ ±ö • ÿÀ ~šÿlcÍE@ó5»Ñ*Ù€ gØ ;¼µA"–© #-Dçª´R ÃÀ…Ûêá©ÿàâÉ@ -cõ¯#6¹Á'• ‡ Ì∫€¸ô¨ùÂG°+k&ü¹ßóá»E¢m †o «Ê(R ö±p• è »UŒY ”.ŒÂ¼¥Ú.§>h¯–
ëÊ »BÆ• S œE _ øE°¼>¤Ô ^nſ,˜—Ì• âH Eı¨M- W…š~§jú[—ÆÆ 6?nâ¦ x·"e—sT²Ý¿d~Ô•¹p©EëKV ›Æ¾'ï,] ~e ¶<Ê ¶Ø 5EI … Q"´Ò_à‡ ¬ã ¨WÙ²×>ŸS» ¾ •ÔB %Ê°cØgŁ&Â—*bÆ §4ïınsZ=ï'5Æ)1 ¨ùÂ)æ ½ ï´7ø¡; Âé »üïÌËêÎÔ¯)Ó"œđ %ø g e) ßÛ »o| ıfÆ¯•êVâø+SÛµÒÎ ´<]N ×t :Â / º°Ÿ-
8uD+Ù„ñŠOoVç đ×4¯8jö°Qò,ú ˆÇ ?_ŝ ÿ¼í c ì 0Vgl>• Ô 6>a/¯×òMoy,Âc Màï)•đ×ôê 2o@O¾"Â•kÓ-& ãı‹Ŝ|wâ8J*é?.\ê†ˆ _ P:ˆÓaÊ—C°>ĴÈ ã°'k. éOyôL cL'úĞ> Qđð†Qe× °ò|u(o2"• ¼@ÃÂ ô 8' / ' òδ¶¶• RÚ2» ^\3 2ƒ}ìGX
(+ø~F©c^OX@÷ '# : ÛN&ğ«H<œí U;ìB¾Šÿ¹HMâwqĜâüIÎnIöW¤ L„ p• €LÂ@Û&Ÿ ÎÌA¹Ù ,Ÿ Š.FéÁOu>ÒRŠØÒ V "nœÓ¿ôœ€Šü#²»ÙÎIõ‹ 3c-‰ E]"Ş¬ ŠŸÏ ıœ:•• `ùM ~[E –°BÛ) |R,m\d¡+²•. • ±âcBxôõ ",, Ÿ½m IÙü©·Gï'Aï«ÍŠ= c®s§¾ƒN • –ðÂ ë~Ô± ƒÿ§°¤ [ëÙ ƒ–• sÎøøŸ ïïÊ?–Í Ó‹ Ù øÔ °'(© °4¥uŠ ©)
ÁÓÎgñŕ. B ÛõÎOç–Ií‡Ù°mX.Æ Íĝ_Œ"i:v,üÛŠ6•7p©' ()ÔV á?Š Â•. ¬ÎW-ŸÑ X µW= áIĜ µáƒ µ¾eA±Â• Ó" ß¾ÂÊ÷ °Š • Z• LòR4u±» Y 3¯•U ¾ý¡Â- ¼ðà‘ Ã¬• ›?y|×jS?\"• ïk9ûÂ ©; ¬n[±Bui à † °":ğ0Ø ¸$Ĝ¯2zR~m• 0˜"±yÂĜ‡›RY ıı—Â QB "^xâüñÔv èÂŠ ¬"Ï½¶3›Ø0ø¦, &5çô>• ng¡¤S8+ɣÛ…Çw,'ó• §ŷ¯0téØ
Ûõ) «cÔo‘ ÑdÊƒ Â" Öœ (7C ĺ'ÛŠ _ÓÔ8S>Ê76)] GıIßl›rT)Ôi• °/ • Ìz'ŷ•T"℠]xƒ2 «½R Âé Qœ¯2lb6ã‡Rßj3c= ÿgÙ%oùœ¢ß ï»xMïÛ‹ {1ÍV Æ ,• dÊ„ÚÛUo[]ıf {ÑſT(Ûx,ñÎùlœ®¶¥ïšøïàðé ö– Ü@N ş µvß_'0JBN¾ùZ Oa¯ſRÓß›3• K.ùÊUN3«U&;+^` y*ô©ºí>\_¯7ŠÂ` $S"Jl:Âţ¿¤"We:ò+"Ûj*) ¤
Q É™¡ æÖ'm„i 2ĝèêkdÛ*ŝIP¬ı¤ , ^(x@u\ Ô lOHø'^® ßXbœ å úÉó" èsR§ æÊÀÙW°³¯x"Ûcú0• ÇûJ à›• ½ Ŝ'œ - D]ò4Æ^b`z›1WØœ(âÎ•·O ſúıÉb³ ©3 ,‰ F ƒ°–]ŷÛ / : YÀÎùÂr$Ÿó ² ô„ 'ó*¶•·ôÀ Zx³Ôœ<ød£Ê£µ ¶ÔÓ KÁ `âđ– a• • c oûGÂOH¹u÷nĜH!V• ð'öœ›đ] 8 y I ™Æ Ê£êêŠÛ G "úú X;#ç?Êâ• • Ya„ “²y7Ĝ• ı
©Ìŷ •)Cóendstream endobj 403 0 obj << /Type /FontDescriptor /Ascent 669 /CapHeight 669 /CharSet (/A/B/C/D/E/F/G/H/I/J/L/M/N/P/Q/R/S/T/U/V/X/a/acute/b/c/comma/d/e/f/five/g/h/hyphen/i/k/l/m/n/o/one/p/period/q/r/s/seven/six/t/u/v/x/y/z) /Descent -193 /Flags 4 /FontBBox [-169 -270 1010 924] /FontFile 402 0 R /FontName /RZRZWU+NimbusRomNo9L-ReguItal /ItalicAngle -15 /StemV 78 /XHeight 441 >> endobj 355 0 obj << /Type /Encoding /Differences [2 /fi /fl 17 /dotlessi 39 /quoteright /parenleft /parenright 44 /comma /hyphen /period /slash /zero /one /two /three /four /five /six /seven /eight /nine /colon /semicolon 63 /question 65 /A /B /C /D /E /F /G /H /I /J /K /L /M /N /O /P /Q /R /S /T /U /V /W /X /Y /Z /bracketleft 93 /bracketright 97 /a /b /c /d /e /f /g /h /i /j /k /l /m /n /o /p /q /r /s /t /u /v /w /x /y /z 147 /quotedblleft /quotedblright 150 /endash /emdash /tilde 168 /dieresis 180 /acute 248 /oslash] >> endobj 74 0 obj << /Type /Font /Subtype /Type1 /BaseFont /ECCLRV+CMEX10 /FirstChar 12 /FontDescriptor 361 0 R /LastChar 90 /Widths 351 0 R >> endobj 70 0 obj << /Type /Font /Subtype /Type1 /BaseFont /WNWDAR+CMMI10 /FirstChar 11 /FontDescriptor 193 0 R /LastChar 120 /Widths 354 0 R >> endobj 174 0 obj << /Type /Font /Subtype /Type1 /BaseFont /UGJIAB+CMMI5 /FirstChar 12 /FontDescriptor 365 0 R /LastChar 12 /Widths 337 0 R >> endobj 168 0 obj << /Type /Font /Subtype /Type1 /BaseFont /TVPOHY+CMMI6 /FirstChar 12 /FontDescriptor 367 0 R /LastChar 110 /Widths 341 0 R >> endobj 78 0 obj << /Type /Font /Subtype /Type1 /BaseFont /XMJQHC+CMMI7 /FirstChar 12 /FontDescriptor 369 0 R /LastChar 120 /Widths 347 0 R >> endobj 166 0 obj << /Type /Font /Subtype /Type1 /BaseFont /AWDFTO+CMMI8 /FirstChar 11 /FontDescriptor 371 0 R /LastChar 120 /Widths 343 0 R >> endobj 77 0 obj << /Type /Font /Subtype /Type1 /BaseFont /WYBTLI+CMMIB10 /FirstChar 33 /FontDescriptor 373 0 R /LastChar 33 /Widths 348 0 R >> endobj 79 0 obj << /Type /Font /Subtype /Type1 /BaseFont /TKBJOR+CMMIB7 /FirstChar 33 /FontDescriptor 375 0 R /LastChar 33 /Widths 346 0 R >> endobj 72 0 obj << /Type /Font /Subtype /Type1 /BaseFont /VXYUJI+CMR10 /FirstChar 0 /FontDescriptor 190 0 R /LastChar 120 /Widths 352 0 R >> endobj 119 0 obj << /Type /Font /Subtype /Type1 /BaseFont /RHUHOI+CMR5 /FirstChar 49 /FontDescriptor 379 0 R /LastChar 50 /Widths 345 0 R >> endobj 169 0 obj << /Type /Font /Subtype /Type1 /BaseFont /EPCJGN+CMR6 /FirstChar 48 /FontDescriptor 381 0 R /LastChar 79 /Widths 340 0 R >> endobj 71 0 obj << /Type /Font /Subtype /Type1 /BaseFont /AUVRNU+CMR7 /FirstChar 1 /FontDescriptor 383 0 R /LastChar 114 /Widths 353 0 R >> endobj 167 0 obj << /Type /Font /Subtype /Type1 /BaseFont /RBGPLY+CMR8 /FirstChar 40 /FontDescriptor 385 0 R /LastChar 93 /Widths 342 0 R >> endobj 75 0 obj << /Type /Font /Subtype /Type1 /BaseFont /IOJEZK+CMSY10 /FirstChar 0 /FontDescriptor 387 0 R /LastChar 112 /Widths 350 0 R >> endobj 141 0 obj << /Type /Font /Subtype /Type1 /BaseFont /NZPTBS+CMSY7 /FirstChar 0 /FontDescriptor 389 0 R /LastChar 49 /Widths 344 0 R >> endobj 171 0 obj << /Type /Font /Subtype /Type1 /BaseFont /GLNMZU+CMSY8 /FirstChar 0 /FontDescriptor 391 0 R /LastChar 12 /Widths 338 0 R >> endobj 170 0 obj << /Type /Font /Subtype /Type1 /BaseFont /GRKMBP+MSAM10 /FirstChar 0 /FontDescriptor 393 0 R /LastChar 77 /Widths 339 0 R >> endobj 76 0 obj << /Type /Font /Subtype /Type1 /BaseFont /QDTWCG+MSBM10 /FirstChar 82 /FontDescriptor 395 0 R /LastChar 82 /Widths 349 0 R >> endobj 68 0 obj << /Type /Font /Subtype /Type1 /BaseFont /JWRKMP+NimbusRomNo9L-Medi /Encoding 355 0 R /FirstChar 2 /FontDescriptor 397 0 R /LastChar 151 /Widths 357 0 R >> endobj 67 0 obj << /Type /Font /Subtype /Type1 /BaseFont /LREKMX+NimbusRomNo9L-MediItal /Encoding 355 0 R /FirstChar 65 /FontDescriptor 399 0 R /LastChar 120 /Widths 358 0 R >> endobj 65 0 obj << /Type /Font /Subtype /Type1 /BaseFont /IRNGWN+NimbusRomNo9L-Regu /Encoding 355 0 R /FirstChar 2 /FontDescriptor 401 0 R /LastChar 248 /Widths 359 0 R >> endobj 69 0 obj << /Type /Font /Subtype /Type1 /BaseFont /RZRZWU+NimbusRomNo9L-ReguItal /Encoding 355 0 R /FirstChar 44 /FontDescriptor 403 0 R /LastChar 180 /Widths 356 0 R >> endobj 80 0 obj << /Type /Pages /Count 6 /Kids [34 0 R 114 0 R 138 0 R 163 0 R 224 0 R 279 0 R] /Parent 404 0 R >> endobj 325 0 obj << /Type /Pages /Count 2 /Kids [311 0 R 332 0 R] /Parent 404 0 R >> endobj 404 0 obj << /Type /Pages /Count 8 /Kids [80 0 R 325 0 R] >> endobj 405 0 obj << /Type /Outlines /Count 8 /First 3 0 R /Last 31 0 R >> endobj 31 0 obj << /A 29 0 R /Parent 405 0 R /Prev 27 0 R /Title 32 0 R >> endobj 27 0 obj << /A 25 0 R /Next 31 0 R /Parent 405 0 R /Prev 11 0 R /Title 28 0 R >> endobj 23 0 obj << /A 21 0 R /Parent 11 0 R /Prev 19 0 R /Title 24 0 R >> endobj 19 0 obj << /A 17 0 R /Next 23 0 R /Parent 11 0 R /Prev 15 0 R /Title 20 0 R >> endobj 15 0 obj << /A 13 0 R /Next 19 0 R /Parent 11 0 R /Title 16 0 R >> endobj 11 0 obj << /A 9 0 R /Count 3 /First 15 0 R /Last 23 0 R /Next 27 0 R /Parent 405 0 R /Prev 7 0 R /Title 12 0 R >> endobj 7 0 obj << /A 5 0 R /Next 11 0 R /Parent 405 0 R /Prev 3 0 R /Title 8 0 R >> endobj 3 0 obj << /A 1 0 R /Next 7 0 R /Parent 405 0 R /Title 4 0 R >> endobj 406 0 obj << /Limits [(Doc-Start) (cite.briet_pra09)] /Names [(Doc-Start) 66 0 R (cite.angulo_pa10) 91 0 R (cite.antolin_jcp09) 126 0 R (cite.antolin_jcp10) 326 0 R (cite.braunstein_prl94) 336 0 R (cite.briet_pra09) 320 0 R] >> endobj 407 0 obj << /Limits [(cite.burbao_itit82) (cite.frieden_04)] /Names [(cite.burbao_itit82) 317 0 R (cite.chatzisavvas_jcp05) 315 0 R (cite.chiang_06) 323 0 R (cite.cover_91) 145 0 R (cite.fisher:pcps25) 123 0 R (cite.frieden_04) 124 0 R] >> endobj 408 0 obj << /Limits [(cite.galindo_pascual_90) (cite.he_itsp03)] /Names [(cite.galindo_pascual_90) 121 0 R (cite.gibilisco_itit09) 328 0 R (cite.hammad:rsa78) 125 0 R (cite.hamza_03) 321 0 R (cite.hamza_jei06) 318 0 R (cite.he_itsp03) 322 0 R] >> endobj 409 0 obj << /Limits [(cite.kullback_68) (cite.lamberti_pra08)] /Names [(cite.kullback_68) 84 0 R (cite.kullback_ams51) 83 0 R (cite.lamberti_07) 88 0 R (cite.lamberti_arxiv09) 335 0 R (cite.lamberti_pa03) 96 0 R (cite.lamberti_pra08) 316 0 R] >> endobj 410 0 obj << /Limits [(cite.lin:itit91) (cite.majtey_pa04)] /Names [(cite.lin:itit91) 81 0 R (cite.lopezrosa_pra09) 92 0 R (cite.luo_lmp00) 327 0 R (cite.majtey_epjd05) 93 0 R (cite.majtey_ijqi10) 94 0 R (cite.majtey_pa04) 319 0 R] >> endobj 411 0 obj << /Limits [(cite.majtey_pra05) (cite.romanroldan_prl98)] /Names [(cite.majtey_pra05) 329 0 R (cite.nikiforov_88) 249 0 R (cite.pereyra_pa07) 95 0 R (cite.rao_iln87) 82 0 R (cite.roga_prl10) 330 0 R (cite.romanroldan_prl98) 89 0 R] >> endobj 412 0 obj << /Limits [(cite.sanchezmoreno_jcam10) (cite.wang_09)] /Names [(cite.sanchezmoreno_jcam10) 250 0 R (cite.schindelin_itit03) 85 0 R (cite.simms_pnas09) 90 0 R (cite.topsoe_itit00) 86 0 R (cite.tsai_itit05) 87 0 R (cite.wang_09) 324 0 R] >> endobj 413 0 obj << /Limits [(cite.zanette_cs07) (equation.2.5)] /Names [(cite.zanette_cs07) 97 0 R (equation.1.1) 73 0 R (equation.1.2) 117 0 R (equation.2.3) 118 0 R (equation.2.4) 120 0 R (equation.2.5) 142 0 R] >> endobj 414 0 obj << /Limits [(equation.2.6) (figure.2)] /Names [(equation.2.6) 143 0 R (equation.2.7) 144 0 R (equation.3.8) 173 0 R (equation.3.9) 205 0 R (figure.1) 122 0 R (figure.2) 172 0 R] >> endobj 415 0 obj << /Limits [(figure.3) (figure.8)] /Names [(figure.3) 206 0 R (figure.4) 207 0 R (figure.5) 251 0 R (figure.6) 252 0 R (figure.7) 253 0 R (figure.8) 254 0 R] >> endobj 416 0 obj << /Limits [(page.1) (page.6)] /Names [(page.1) 64 0 R (page.2) 116 0 R (page.3) 140 0 R (page.4) 165 0 R (page.5) 226 0 R (page.6) 281 0 R] >> endobj 417 0 obj << /Limits [(page.7) (section.2)] /Names [(page.7) 313 0 R (page.8) 334 0 R (section*.1) 314 0 R (section*.2) 30 0 R (section.1) 2 0 R (section.2) 6 0 R] >> endobj 418 0 obj << /Limits [(section.3) (subsection.3.3)] /Names [(section.3) 10 0 R (section.4) 26 0 R (subsection.3.1) 14 0 R (subsection.3.2) 18 0 R (subsection.3.3) 22 0 R] >> endobj 419 0 obj << /Kids [406 0 R 407 0 R 408 0 R 409 0 R 410 0 R 411 0 R] /Limits [(Doc-Start) (cite.romanroldan_prl98)] >> endobj 420 0 obj << /Kids [412 0 R 413 0 R 414 0 R 415 0 R 416 0 R 417 0 R] /Limits [(cite.sanchezmoreno_jcam10) (section.2)] >> endobj 421 0 obj << /Kids [418 0 R] /Limits [(section.3) (subsection.3.3)] >> endobj 422 0 obj << /Kids [419 0 R 420 0 R 421 0 R] /Limits [(Doc-Start) (subsection.3.3)] >> endobj 423 0 obj << /Dests 422 0 R >> endobj 424 0 obj << /Type /Catalog /Names 423 0 R /OpenAction 33 0 R /Outlines 405 0 R /PageMode /UseOutlines /Pages 404 0 R >> endobj 425 0 obj << /Author () /CreationDate (D:20101223012341Z) /Creator (LaTeX with hyperref package) /Keywords () /ModDate (D:20101223012341Z) /PTEX.Fullbanner (This is pdfTeX, Version 3.1415926-1.40.10-2.2 \(TeX Live 2009\) kpathsea version 5.0.0) /Producer (pdfTeX-1.40.10) /Subject () /Title () /Trapped /False >> endobj 1 0 obj << /D [section.1) /S /GoTo >> endobj 426 0 obj << /Filter /FlateDecode /Length 103 >> stream xœ+ø2ĜŠUpW'é\N!\ú‰E™ e Á ¶
¹ F ĵı †°ŕ@ÊΘHÂÊØ\ı$–K ¬ÊÊĜÂĜHÎÔÂÀ°IPA!:¹XÎ3$VÂÊHÁ%5 ˆÙĜ@3$›Ê5„•• ›è Yendstream endobj 427 0 obj << /Type /Font /Subtype /Type1 /BaseFont /Times-Roman /Name /arXivStAmP >> endobj xref 0 428 0000000000 65535 f 0000404932 00000 n 0000011870 00000 n 0000401027 00000 n 0000000012 00000 n
0000000044 00000 n 0000020780 00000 n 0000400943 00000 n 0000000089 00000 n 0000000146 00000 n 0000061430 00000 n 0000400821 00000 n 0000000191 00000 n 0000001492 00000 n 0000400747 00000 n 0000000328 00000 n 0000000373 00000 n 0000061618 00000 n 0000000424 00000 n
0000000481 00000 n 0000089539 00000 n 0000400586 00000 n 0000000532 00000 n 0000000584 00000 n 0000140360 00000 n 0000400498 00000 n 0000000630 00000 n 0000000681 00000 n 0000152230 00000 n 0000400423 00000 n 0000000728 00000 n 0000000757 00000 n 0000006690 00000 n 0000006999 00000 n 0000007188 00000 n
0000007376 00000 n 0000007562 00000 n 0000007755 00000 n 0000007945 00000 n 0000008141 00000 n 0000008330 00000 n 0000008516 00000 n 0000008703 00000 n 0000008893 00000 n 0000009081 00000 n 0000009271 00000 n 0000009466 00000 n 0000009656 00000 n 0000009844 00000 n 0000010037 00000 n 0000010227 00000 n
0000010418 00000 n 0000010606 00000 n 0000010796 00000 n 0000010990 00000 n 0000011179 00000 n 0000011368 00000 n 0000011558 00000 n 0000017814 00000 n 0000018004 00000 n 0000011990 00000 n 0000000807 00000 n 0000011748 00000 n 0000399726 00000 n 0000011809 00000 n 0000399549 00000 n 0000399377 00000 n
0000399898 00000 n 0000396967 00000 n 0000398388 00000 n 0000397965 00000 n 0000011930 00000 n 0000396825 00000 n 0000398669 00000 n 0000399235 00000 n 0000397680 00000 n 0000397395 00000 n 0000397823 00000 n 0000400075 00000 n 0000152293 00000 n 0000152354 00000 n 0000152416 00000 n 0000152478 00000 n
0000152540 00000 n 0000152601 00000 n 0000152663 00000 n 0000152725 00000 n 0000152787 00000 n 0000152848 00000 n 0000152911 00000 n 0000153101 00000 n 0000153164 00000 n 0000153227 00000 n 0000153290 00000 n 0000153353 00000 n 0000153416 00000 n 0000018197 00000 n 0000018394 00000 n 0000018574 00000 n
0000018767 00000 n 0000018957 00000 n 0000019138 00000 n 0000019320 00000 n 0000019508 00000 n 0000019699 00000 n 0000019887 00000 n 0000020078 00000 n 0000020269 00000 n 0000020459 00000 n 0000027818 00000 n 0000028003 00000 n 0000020968 00000 n 0000017573 00000 n 0000012221 00000 n 0000020653 00000 n
0000020716 00000 n 0000020841 00000 n 0000398106 00000 n 0000020904 00000 n 0000153479 00000 n 0000061367 00000 n 0000153543 00000 n 0000153607 00000 n 0000153671 00000 n 0000152973 00000 n 0000028188 00000 n 0000028375 00000 n 0000028561 00000 n 0000028749 00000 n 0000028936 00000 n 0000029123 00000 n
0000029306 00000 n 0000035644 00000 n 0000000154 00001 f 0000059073 00000 n 0000029746 00000 n 0000027621 00000 n 0000021144 00000 n 0000029493 00000 n 0000398811 00000 n 0000029556 00000 n 0000029619 00000 n 0000029683 00000 n 0000153735 00000 n 0000059258 00000 n 0000059445 00000 n 0000059632 00000 n
0000059819 00000 n 0000060005 00000 n 0000060203 00000 n 0000060386 00000 n 0000046850 00000 n 0000000159 00001 f 0000060569 00000 n 0000060754 00000 n 0000060941 00000 n 0000067702 00000 n 0000000209 00001 f 0000087311 00000 n 0000061124 00000 n 0000061745 00000 n 0000035423 00000 n 0000029935 00000 n
0000061304 00000 n 0000397537 00000 n 0000398528 00000 n 0000397252 00000 n 0000398247 00000 n 0000399093 00000 n 0000398952 00000 n 0000061554 00000 n 0000061681 00000 n 0000397110 00000 n 0000041069 00000 n 0000041300 00000 n 0000197355 00000 n 0000045009 00000 n 0000041347 00000 n 0000270740 00000 n
0000043168 00000 n 0000041503 00000 n 0000041824 00000 n 0000197323 00000 n 0000270709 00000 n 0000042025 00000 n 0000042289 00000 n 0000049109 00000 n 0000049343 00000 n 0000260123 00000 n 0000057232 00000 n 0000049390 00000 n 0000188088 00000 n 0000055391 00000 n 0000049548 00000 n 0000053550 00000 n
0000049704 00000 n 0000051705 00000 n 0000049962 00000 n 0000050297 00000 n 0000260092 00000 n 0000188056 00000 n 0000050502 00000 n 0000050772 00000 n 0000089601 00000 n 0000089413 00000 n 0000089476 00000 n 0000074807 00000 n 0000074807 00000 n 0000000001 f 0000087498 00000 n 0000087685 00000 n 0000087875 00000 n
0000088073 00000 n 0000088256 00000 n 0000093930 00000 n 0000100609 00000 n 0000088439 00000 n 0000088622 00000 n 0000088805 00000 n 0000088988 00000 n 0000107302 00000 n 0000089169 00000 n 0000089664 00000 n 0000067489 00000 n 0000062053 00000 n 0000089350 00000 n 0000069157 00000 n 0000069387 00000 n
0000072957 00000 n 0000069434 00000 n 0000071116 00000 n 0000069588 00000 n 0000069909 00000 n 0000070108 00000 n 0000070366 00000 n 0000077237 00000 n 0000077473 00000 n 0000085470 00000 n 0000077520 00000 n 0000083620 00000 n 0000077678 00000 n 0000077832 00000 n 0000077926 00000 n
0000078082 00000 n 0000078390 00000 n 0000078601 00000 n 0000078877 00000 n 0000153799 00000 n 0000153863 00000 n 0000140108 00000 n 0000140171 00000 n 0000140234 00000 n 0000140296 00000 n 0000139499 00000 n 0000139682 00000 n 0000139862 00000 n 0000123952 00000 n 0000148464 00000 n 0000148659 00000 n
0000148850 00000 n 0000149045 00000 n 0000149226 00000 n 0000149426 00000 n 0000149810 00000 n 0000150003 00000 n 0000150194 00000 n 0000150383 00000 n 0000150574 00000 n 0000150761 00000 n 0000150954 00000 n 0000151143 00000 n 0000151339 00000 n 0000151531 00000 n 0000151722 00000 n
0000151913 00000 n 0000140423 00000 n 0000093781 00000 n 0000089936 00000 n 0000140045 00000 n 0000096922 00000 n 0000097152 00000 n 0000098768 00000 n 0000097199 00000 n 0000097444 00000 n 0000097643 00000 n 0000097899 00000 n 0000103424 00000 n 0000103654 00000 n 0000105461 00000 n 0000103701 00000 n
0000103946 00000 n 0000104155 00000 n 0000104362 00000 n 0000120178 00000 n 0000120410 00000 n 0000122111 00000 n 0000120457 00000 n 0000120647 00000 n 0000120854 00000 n 0000121122 00000 n 0000135584 00000 n 0000135822 00000 n 0000137658 00000 n 0000136269 00000 n
0000136542 00000 n 0000145401 00000 n 0000148186 00000 n 0000140685 00000 n 0000152103 00000 n 0000152166 00000 n 0000153037 00000 n 0000153927 00000 n 0000153991 00000 n 0000154055 00000 n 0000154119 00000 n 0000154183 00000 n 0000154247 00000 n 0000154311 00000 n 0000154374 00000 n 0000154438 00000 n
0000400192 00000 n 0000156050 00000 n 0000156113 00000 n 0000156176 00000 n 0000156239 00000 n 0000156428 00000 n 0000156491 00000 n 0000155873 00000 n 0000154609 00000 n 0000155987 00000 n 0000156302 00000 n 0000156365 00000 n 0000156574 00000 n 0000156601 00000 n 0000156700 00000 n 0000157168 00000 n
0000157382 00000 n 0000157987 00000 n 0000158331 00000 n 0000159010 00000 n 0000159345 00000 n 0000159378 00000 n 0000159405 00000 n 0000160077 00000 n 0000160104 00000 n 0000160131 00000 n 0000160781 00000 n 0000161270 00000 n 0000161945 00000 n 0000162616 00000 n 0000396295 00000 n 0000163247 00000 n
0000163793 00000 n 0000164374 00000 n 0000164619 00000 n 0000165579 00000 n 0000174415 00000 n 0000174818 00000 n 0000188402 00000 n 0000197595 00000 n 0000204749 00000 n 0000204974 00000 n 0000212378 00000 n 0000212605 00000 n 0000221789 00000 n 0000222041 00000 n 0000231993 00000 n 0000232266 00000 n
0000239283 00000 n 0000239513 00000 n 0000246867 00000 n 0000247094 00000 n 0000260463 00000 n 0000271032 00000 n 0000278195 00000 n 0000278421 00000 n 0000286305 00000 n 0000286541 00000 n 0000295797 00000 n 0000296087 00000 n 0000304632 00000 n 0000304936 00000 n 0000314090 00000 n 0000314458 00000 n
0000321726 00000 n 0000321968 00000 n 0000329904 00000 n 0000338086 00000 n 0000338352 00000 n 0000340655 00000 n 0000340874 00000 n 0000353765 00000 n 0000354127 00000 n 0000361734 00000 n 0000362001 00000 n 0000381461 00000 n 0000382033 00000 n 0000395921 00000 n 0000400279 00000 n
0000400349 00000 n 0000401098 00000 n 0000401337 00000 n 0000401589 00000 n 0000401848 00000 n 0000402106 00000 n 0000402352 00000 n 0000402608 00000 n 0000402869 00000 n 0000403091 00000 n 0000403293 00000 n 0000403475 00000 n 0000403640 00000 n 0000403818 00000 n 0000404003 00000 n 0000404133 00000 n
0000404266 00000 n 0000404348 00000 n 0000404446 00000 n 0000404484 00000 n 0000404612 00000 n 0000404977 00000 n 0000405153 00000 n trailer << /ID [<06f19c9c9976050c65ea037a40fbc704> <2c2ad89751a1b58b28725f613c8491a1>] /Info 425 0 R /Root 424 0 R /Size 428 >> startxref 405245 %%EOF