Carey Benom Nagasaki University

Youngmin Oh Ritsumeikan Asia Pacific University

! '' ##\$%&' ()*+,-.#, / 0 1 0-),&2,3 '#4-050-6+,47 (,-.#,8 &-0&7,&2,-.#,! 3 & '#*,&2,47,9 (0& 1

 %52/) "89"(5-"(+3)&)(+0\$(+)2%&(:5-(&\$%)+#%)&(,)(&7,&+#+7+)"(1\$2(<&7:3(5&(#-(+3)(+0\$(5++)&+)"(&7,&+#+7+#\$-&(\$(.4.4.4%)&'(.)52(0.54)(1\$2(.-\$&)(,\$\$.)2&MF0(.4.7.4%)&'(.)52(0.54)(1\$2(.-\$&)(,\$\$.)2&MF0(.4.7.4%)&'(.)52(0.54)(1\$2(.)-3&)(.,\$\$.)2&MF0(.4.7.4%)&'(.3.7.4%)&'(

5&)"(\$-(+3)(2)&78+&(12\$%(&+7"9#-.(\$72(:\$2*7&(\$1(??'WD@(:2)5+#;)(7&)&(\$1(&);)-(#"#\$%&(#-()5:3(\$1(+3)(+32))(85-.75.)&(#-(03#:3(5(8)4)%)(12\$%(+3)("#:#\$-529(1\$2%(\$1(+3)(#"#\$%(#&(5,&)-+(<\$")8)+)"T(\$2(2)*85:)"F'(0)(0#8&(52.7)(+35+(03#:3()8)%)-+&(52)(/))*0\$2"&(#-()5:3(#"#\$%(")*)-"&(\$-(5+(8)5&+(+3)&)(15:+\$2&0))

- \$" B3)(\(\frac{8}{7}\) \(\frac{8}{2}\) 2(\(\frac{1}{7}\)(\(\frac{8}{7}\)) \(\frac{8}{7}\)(\(\frac{7}{7}\)(\(\frac{1}{7}\)
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- (" E3)+3)2(+3)()8)%) +(#&(5(:\$-+)-+(0\$2"(\$2(5(.25%%5+#:58(0\$2"'(5-"#
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- 3= B3)(-7%,)2(\$1(:\$%*\$-)-+&(#-(+3)(#"#\$%=(

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