

-)!-./%&0"" 122+!"" (%) ' %!* +#, 3!!

!"#\$%&'(\$)'\$&*+', &! !*.&#%/0(1\$2&23"1\$)32&()&+/'4&2'5//+2&35\$&/##/%3") (36&3/%3(' (#43\$&())&4&54)127/) &2'(\$)'\$&' +', 8&9""%&: /4+&(2&3/&#%/0(1\$2&23"1\$)32&()&: %41\$2&; 7<&=(35&\$): 4: (): &4>3\$%&2'5//+&! ?@A&\$B#\$%(\$)'\$2&35%/": 5&\$B' (3): &1\$C(/)23%43(/)20&54)12&/)&()0\$23(: 43(/)20&4'3(0\$&: 4C\$2&4)1&C/%\$E&

! ""#\$%&'(\$)*&&
""#\$%&'!()\$!*+)%\$!, &-!* !/0&%12'!)&32!, !4225!()\$!67. !4225'8!92!3, &!\$%&! : \$0/, \$; !'2' '0)&'!()\$!%: !1)!* <'1%-2&1'0&!=, -2!*7>!, &-?)\$!0&12\$/2-0, 12!'2' '0)&'!()\$!%: !1)!* . !'1%-2&1'!0&!=, -2'!67@8!A+2! : \$)=, /!3)B2\$'!67. !4225'!) (!, 310B0102' !C2-ID; !"302&32!9)\$C-!\$, 0&2-'!1, ((8!!

+ , ++&- . /012&341\$(5""&&
&

- EB2\$; - , ;!F0'3)B2\$02' !G!Scien ific Me hod
- A0&52\$0&=!401+!90=(!2D)1' !G!Enginee ing!
- H: 103' !G!Ph ic !!
- #)-27! 7J)&=!G!De ign and Technolog !!
- #\$; '1, C!K)\$ / , 10) &!G Chemi
- !

610"41""&! . 7\$5&89: 0\$%&; " :)"72<0/*&&