

tt f t . t
 f t tt ,
 t f (t 200 t
 200 t 2) t f
 t t f 1000 C f t t C .
 t t f t f t t -
 t t t f t -
 , t t tt f
 t 00 C. t t t t t t
 f t t f t t f t
 t t t f C , -
 t
 f t t tt 20 1 .

3.2

t t t t f C t ff -
 t t , t t t t
 t tt f tt -t t t
 (φ 1 0 00), t t
 f t f t t . -
 t f t 10 f t 100
 t t t t t f t -
 t t 10. t - t
 C , t t t t t t -
 t t t t

tf C t
t t .

4.2

, t t t f - -
t t t t t t t t
tf , t C-
(t 2 . %) t
t t t t t -
t f C t . t t
, t t f t f t t
(ΔC%) t f
t t t . t t
t t t t t 0.1
% f t t t t
t t , t t t -
t f C- 2 C t t f t -
t C, f t t C
t t t t .

4.3

t t f t tf ,
t t ft t (C) t

, . . . , t t t f t t ,
 t 1 0 C C
 . t t t t
 t f t f t t -
 t f t , t t t t t
 t t t t f t
 t t t t t t
 t t t t t t
 t t , t t t t t
 , C t t t f
 t t t t t
 t. t t t t C t f-
 t t t t t f -
^{11, 12)} t t f t C t t
 f t t
 2% f t t f t - t t t.
 t 1. (.)12. () 0. (t)-0. t()-0.2. (1.)0. (t)-0. ()-1.2 1. () C /

t f t t f f t t
 , t t t t f t
 f f t C t t -
 1 2 f t C . t t
 1, t C ,
 t t 2, t
 C . t t f t t t, t t -
 t t t t f t t f -
 , t C .
 t t f C .

6.2 ~~.....~~ **300** ~~.....~~

t
 t f t
 C t t 201 . t f t t,
 00 t/ C t t -
 t t t t
 (t t), t C -
 t t t t f t
 f t , -t f C
 t f t t t ()
 t t t f t t f -
 f .

~~.....~~
 C t t t ,
 t t t t t -
 t , t t t t f -
 t t 2- t f
 , t f t t t t ()
 C t t

