( )

:

( )

:

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

:

-
-
-
-
-
-
-
-

-
-
-
-

( )

.

( )

:

-

( )

. :

: -

()

"( )

"( ) "

" "( ) "

.

( ) ( ) ( )

.

.( )

( ) ( )

." "

( ) ( )

." "

()

)" : "( )

(

. ()

-

( )

"   "   "( )

( )

) ( )

("   "   "   "   " " "

.("()   " –   " "   )

)   ( )

.   ("   "   ( )

( )

.

.   ( )

" "

)

(

:

( )   ( )

(   )   ( )

( )

( )

)

.("   "   "   "   " "   " "

( )

( )

.   " "   " "

–

.

"( ) "   )( )

("()   "

( )

-

-

-

:
()
( )

)
. (

( )

.

.
()

( ) ( )

" "

Written Option

-

. "( ) " "( ) "

.

( )

: " ( ) -

" " "

: ( )

. -

. -

. -

. -

: -

:

) :

: (" " " "

()

. ( )

( )

.

. ( )

: :

:

: ()

. ( )

( )

.

) ( )

.(

( )

( )

" "   "   "( ) "   )

.("

                    :   :

        :   (" " " "   )

.   ( )
            .   ( )
            .   ( )

)
        (

                    :

)   ( )
                (

            .

                                                      ( )

    .

                                                      ( )

                .

                    :   :

                    :

                                                          ()

                .

        .   ( )
                                                      ( )

    .

        . (   )

                    :   :

                    :

                .   ()
        .   ( )
    .   ( )

5 - 26

( )

:

( )

)

.(

) :

(

.

:

( )

.

)

(

(( ))

.

.( )

:

.

:

.

:

.

:

.

:

.

:

.

( )

:

:

(

"   " "   "   " " " "   )

.(

_____ :

:

.

()

" "   " "   )   ( )

"   " " "

. (

_____ :

.

(Embedded Derivatives)

(   )   –

.

–

:

()

"   "   )

.("   "

( )

.

( )

)

.(

.

.

( )

-

- 8

.

-

)

(

" "
.

- - -

" ") .

.(

" " " " - " " "

-

" " " " ( )

" " - " "
.

" " -

" "

: ( )

) " " " " ()

- - (

:

) ( )

(

. " " " "

) ( )

(

8 - 26

( )

%

%   " "   " "

.

)   ( )

.   (

" "   " "   %

.   %

" "   " "   ( )

.(   )

%   ( )

%   ( )   (   )

%

" "   " "

. (   )

" "   " "   (   )

()   (   )

. (   )

: -   -   -

.   ()

" "   " "   ( )

) . " "

.(" "

: -   -   -

.   ()

( )

. " "

)   -

(

9 - 26

( )

(   )

:

()

.

( )

.

)

("   " ( )

.

(" "   )   -

:   .

()

.

( )

.

( )

:   .

( )

.

( )

.(" "   )

(" "   )   -

( )

)

.(

) .

.(" "

-

-

("( ) ")

-

.

("( )( )" "() ")

-

.

.

-

." "

-

.

-

:

. ()

( )

(   )   ( )   ( )
)   ( )
                                                              .("( )   "

)   –
                              ("()   "   )

            :
                        .   ()
)   ( )
                                          (
)
                                                              ."( )   "

                                                              .

                                                                              –

                                                              .

                              ("( )   "   )

                                                                              –

                                          .

                              ("( )( )   "   )

                                                                              –

:

()

:

. ( )

( )

. (   )

( )

Written Put Option

.("   "   )

( )

Cash Settled Option

.   ( )

–

.

:

()

.

( )

.

–

.

–

" "

.

)   -

(

" "   .

:

.   ()

( )

)

("( )   "

.

-

.

-

.(" "   ( )   )

(   )   -

:

()

)

.(

( )

.   (   )

( )

( )

.

" "   ( )

.

-

.("   "   "   "   ()   )

-          -   (   )   -

.

-

)

.   (

(   )   -

.

-

:

.   ()
( )

.

( ) _____

–

.

–

)

.(" " – " " – ()

–

." " "

. ()

. ( )

. ( )

. ( )

. ( )

–

:

" " ()

.

" " ( )

.

( )

)

(" " " " ()

" " " "

" "

." " " " () " "

16 - 26

( ) _____

:

-

()

.

( )

" " " "

." "

-

.() " " " " ( )

-

( ) -

.

-

.

-

"

."( )

-

" "

"( ) "

-

)

( ) _____

(" " "( ) "
. " "

—

(" " "( ) "   )
" "

:   "( ) "
()

.

. " "

( )

. " "

—

:   ("   "   " "   )
()
.
( )
( )   )
" "   )   ("   "
("   "   ()   )   (" "
.

18 - 26

( )　　　　　　　　　　　

(" "　)
("　　"( )　　　　　　　　　　　)

.(( )　　　　　　　　　　)
(" 　"　"　"　　　　)　　　　　　　　　　　　　　　　－

－"　　"　　　　　"　"　"　"　　　　)
."　"　　"　"　　　　　　　　　　　　　　　　　("　　"
)　　　　　　　　　　　　　　　　　　　　　　　　　　　－
("　　　"　"　　"　　　()　　　" "

)
(
."　"

－

)"　"　(　　　　　　　　　　　　　　　　)" "
(　　　　　　　　　　)" "　　(
.

－

(　　　　)

:
.　　　　　　　　　　　　　　　　　　　　　　　　　　　()
.　　　　　　　　　　　　　　　　　　　　　　　　　　( )
( )
.

( ) _____

．   ( )
．   ( )
                                ( )

                                        :
)   ( )

                        ．(
                                        ( )
)

．(
                                                    -

                                            ．
)
            ．(

                " "   -

                ．

                                            -

                        ．

( )

(" ")

.

-

( )

( )

.

.

-

(" ")

.

-

)

(

.

.

.

-

(" " " " ( ) ")

.

( )

-

(" ")

.

-

) " "

(

.

-

.

-

.

-

" " " " " " " "
." " " "

-

) " "

(" "

.

-

)

(

( )

.

-

:
Intrinsic value ( )

.

. ( )

Intrinsic value

.

% -

.

: -
. ()
. ( )
. ( )

) -
(

. ( )

( )

( )

.

-

:

()

.

( )

.

( )

.

-

.

.

-

)

(

"( )

."

24 - 26

.

)

(

)

. (

)   (   )

(   )   (

Prepayable

.

:

.   ()
                                     ( )

.

-

-

)   (   )
)   (
(

.

:   ()

:   ( )
:
)   ( )
(
.
.   ( )
(   )   ( )
. (   )

-

-       "   "   " "   -

:   -

( )

( )

.

"   "   )   ( )

("   "

.

( )

.

()

"   " "   "   " " " "   )

. (

( )

.

" "   −

:

()

(   )

.(   ) ( )

( )

.

−

"( ) "   (   )

:

()

.

( ) _____

( )

·

( ) ()

·

-

" "

.

-

: " "

) ()

.(

." " ( )

. ( )

-

"( ) "

)

("() "

)

(

.

-

("( ) ")

.

-

( )

" "   –

                                            :
)   ( )

                        (( )
                    (" "   )

                                                        ( )

                                                      .

          :   –

                                                        ( )

                                                      :
        .   ( )
              (   )   ( )

                            .

                                                      ( )

                  . (   )

                                                      ( )

                ("() " " " "   )
            .   " "

                                                       –
        " "

)
                                (

          .

                                                       –

                      :

                        29 - 26

( ) _____

( )

)
(

.

( )

. " "

" " ( ) () –

. " "

" " " " –

.( )

–
" " " "

) ()

(

(" () ")

. " " " " " "

. " " ( )

)

(" () "

" " " " " "

( )

( ) _____

)   ("()   "   )
                                                    ("( )   "
                                                                ( )

                .

                                        "   "   "   "   "   "

                                                .

                                                                            –

            (( )   )
                                        :
)   ()
                                (( )
                            . ("   "   )
                .   ( )

                            .

( )

.

(" "   " "   )

-   )
                                              (

.   "   "( )

-
                              "   "( )

( )

                                                                                ." "

-
                              "   "

                    "( )

                                                                          "

          "( )

                                                                    "

.

-

"( ) "
.( )

-

Credit Default Contract

.

(" "   "( ) "   ) :(

( )

( )   ()

.

( )

.

( )   ( )

. ( )

.

()

.   ( )

(" " " "   )

-

.

-

.

.

.

(   )

.

( )

-

.

-

( )

.

-

( )

:

.

-

( )

( )

.(" " " ")

-

SWAP

.

( ) _____

-

.

("   "   "
"   "   (.

-

(   )

(   )

.

-
)

(

.

-

:

-
( )
( )   )
.(
( )   )

.(

( )

( )

.

.

-

:

( )

( )

( )

(

.

.

( )

-

( )

( )

.( )

.

-

callable

.

( )

- Puttable)
(

.

.

.

" "

.

-

.

-

" "

-

:

()

" ")

(" "

( )

)

(.

( ) ( )

)

( ) _____

. (

()

.

( )

()

-

:

()

( )

)

)

("   "

"   "   "   "

-

.

-

.

-

(   )

)

.   ("   "   —

("   "   "   "   " "   )

.

( )

Embedded Derivatives ( ) " " " " (

-

.

.

(SWAP) -

.

)

(

.

-

) " ( )" :

(" .

.

-

(" ( )")

- " ( ) ( )" -

.

()

.

( )

)

( )‎

(( )‎

.‎

( )‎

.‎

.‎

( )‎

-‎

.‎

( )‎

( )‎

.‎

( )‎

)‎

.(( )‎

( )‎

-‎

-‎

.( )‎

( )‎
( )‎

( )‎

.‎

( )

- Hybrid Instrument

(puttable)

puttable

( )

" "   " "

" ( )"

.

- puttable

( )

( )

.

-

:

( )

.

( )   Floor   CAP

( )

.

( ) _____

( )

(   )

"   " ( )

.

( )

(   )

:

.   ( )
( )

.(   )

( )

)
.(

( )

:

.

.

( )

( )

:

( )

)
.(

( )
( )

( )

.

(   ) _____

( )

(   ) .

("   "   "   "   )

("   "   )

"   "   -

("   "   )

)

("   "   ) .

"   "   -

()

.

( )

(   )

"   "   "   "

.(( )   )

.("   "   "   "   )

)   ( )

("   "   "   "

.

( ) _____

" "   )   ()
                                                    (" "
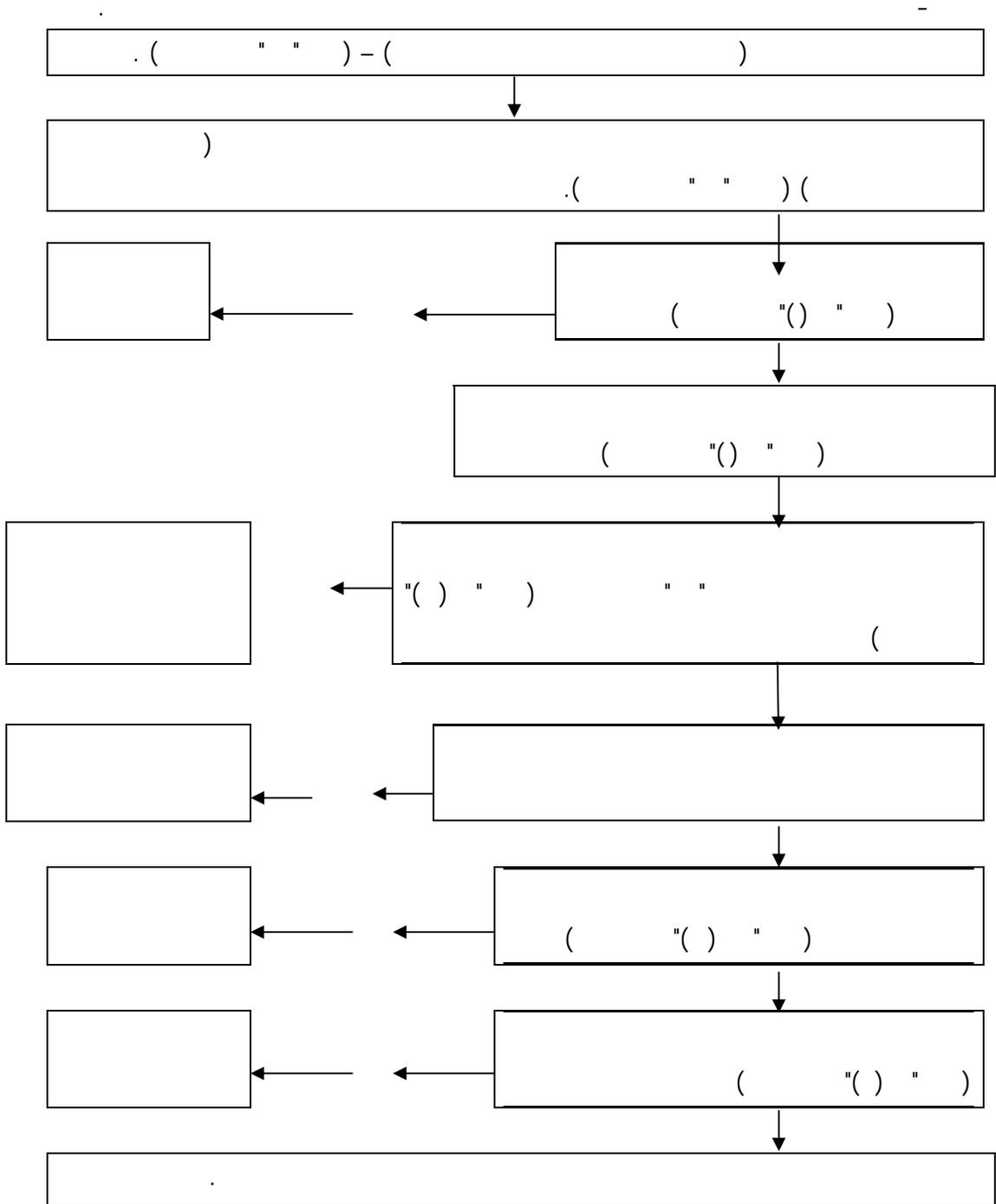   .

                                                    ( )

                           .

( )

(" " " ")

- .

( ) – (" ") .

( )

(" ") .

(" ( ) ")

(" ( ) ")

" " (" ( ) ")
(

(" ( ) ")

(" ( ) ")

.

" ( ) ")

.(

( )

- " ( ) " ( )

(

" "

." "

- " "

.

(" ").

- :
( ) .
( ) .
( ))
. (

- :

( )
.

( ) .
( ) Return SWAP
.

( ))
. (

( )

.

-

.

أت٢٦ – 15

( ) _____

-

.

.

-

:

()

.

( )

:

( )

. (   )

( )

)

.(

-

.

.

( )

‒

interest ‒ only strip receivable

" "   interest ‒ only strip receivable
interest-only strip receivable

.

" "   ‒
" " " "
.   " "   "   "   "   "

" "   ‒

.

()

:

( )   .
( )
(   )   .

( ) _____

( ) (   )
(( )   )
.

( )

(   )

.

( )

:
.   ( )
                                               ( )
.

. (   )   (–   )

( )

.

obligation

(+)

.(   )

collar   ( )

:

( )

.

( )

"   "

– ( )   – ( )

(   )

( )   [(- (+   )]

.

-

(   )

.

( )

-

(   )   (   )

)

(

. (   )   (   )

-

:

:   ()

(   )

. repurchase receivable

( )   –   :

.

( )   –   :

()   :

.

( )   : *wash sale transaction*

Wash sale

( )   _____

.

( )   :

.

( )   :

( )   )
(:

:

( )
( )

.

( )
:

("   "   )

.

( )   :

.

( )

<u>( )</u>

( )   :

                                                          .

( )   :   (Call)
( )   ( )   ( )   "   "   ).

)

                                    (

                                    .

( )   clean up calls :

                                          .

( )   :

                                          .

                                    .

( )   total return swaps :

                                          .

( )

$( )$:

.

$( )$:

.

.

-

.

%
% ,
.
% ,   %
:
.
% , .
)   -
)   (
.   (
:   -

( )

( )

(× %   )

(   )   - %

% ,

.(+   )

.   %

%   %

" "   :

	%		
	%		

%

(–   )

.

.

(   )

(   )

. (

:

	-	-
-		-
-		-
	-	( ) -
	-	-
-		-

( ) _____

.(   )
( )

)

(

.

- " "

-
" " " "
" "

.

-

.

-
:
()
( )
.

.

-
:
( )
( )
.

( )‏ _____

.

(" " " ")‏

- ( )‏ :

() ( )‏

.

( ) ( )‏

.( )‏.

-

market maker .

-

.

-

" ( )‏ "

.

-

" "

" "

.

( ) _____

" " -

-

% -

.

.

-

.

:

( )

: ( )

. ( )

( )

.

(" " " ")

(" ")

) -

. (" " -

(" " " ")

)

(

.

%) -

(%

.

( )

(" ")

-

" " .

-

.

.

. .

) .

. (

.

-

.

(" " ")

-

.

.

- bid price Asking price (

(

Bid – Ask Spread

( )

.

(   )

–

-

)

(

.

.

–

.

(   )

)

.   (

.

"   "   –

.

( ) _____

:
-

.

–

:
()
( )

.

:-
()
( )

(   )

.

.
)

(

( )

.

–

. (   )

)

(

.

.

–

.

.

.

–

:

–

(" " ( ) ")

()

( )

.

.

( ) ‏ـــــــــــــــــــــــــ

-

(" " ( ) ")

.

.

-

( ) .

( ) ( ) :

.

( )

.( )

.(

( ) : ( )

(

.

( ) :

.

( ) : .

( ) : .

.

( ) ( ) :

.

(   ) _____

( )   :

)

(   )

- "   " (   ).

( )   :

.

.

.

("   "   "   ) .

-   ( )

.

( )

("   "   "   )

("   ")

( )

.

"   "

( )(   )

" "

.

( )

       " "   " "   )

                             .(

         .(" " " "   )

                             –

                      " "

     .

                             –

       .

                             –

      (*)

       .

( ) _____

–

)

.(

.

:

()

.

( )

.

.

–

.

–

.

)

(

.

( )

–   "   "

.

–

.

–
(   )
.   "   "   "   "   "   "

(   )
.

–

.

("   "   "   )
("   "   "   )
("   "   "   )

–

(   )

)
. (Callable Liability

.

–

.

–   –   –

)   "   ( )"   "   "

.(

–

.

("   "   "   "   )
("   "   "   "   )

–

.

–

.

( )

(" " ")

-

:

()
( )

. ( )

)

(

:

." "

-

. :

% .%

. %

% ,

%

( ) . ( )

(" ")

–

.

أت٢٦ -38

( ) _____

–   )

                                                (

                    " "

.

–

()

Offsetting Changes

:   " " .

( )   % - % .

/   %   /   %

()   .

–

–

.

.

.

( )

- %   %
                              %
          %   . %
                              :
                         ." "

                                              –

                              :
                                        ()
          .
              .   ( )
                                        ( )

              .

    Offset   )   –
                                        (.

          .

                                              –

          .

–

)

(

.

–

.

.

–

.

–

( )   ()

:   "   " "   "

()

)

(

.   (

( )

.

( )

( )

(   )

" ( )" :.

( )

)

.(

( )

( )   ( )   ( )

.

( )   )   ( )

( )   (

( )

.

" ()"

.

( )   (( )   )

.

( )   *

( )   ( ).

–

.

–   " ()"   .

.

( ) _____

-    "( )   "

.

.

.

.

–   "( )   "

)

(*   )
(   )   (
:   –

()

.

_____

*

.

( ) _____

( )

*

(   )

.

"( )   "   .

.

* %   .

-   "() "

:
.   ()
( )

.

.

( )   .

_____

*   " "
*   ÷ (-) =   % .

( )

( )
"   "

"( )   "

.

.

–   "((   )   "
) "( )   "
(

Offsetting

)   *

(Offset
"( )   "

*
.

–   "( )   "
Prepayable Item
)   :
" "   (prepayment

" "

_____
*   " "   " "   .
*   " "   .

( )

)

(

" "

:

()
( )
)	( )

(	" "

.

"( )	"	—

.

" "	—

.	(	)	"( )	"

"( )	"	—

:

()
( )
( )
( )   )

*

–
()

( )

( )   (   )
)   Mismatch
(
)   ()
(Prepayment).

–

:
( )   ( )   "( )   "   (
)
.(

( )   :
( )   (   )

( )   (   )

---
*   .

( )

( )

."   "

( )   ( )

.("( )   "   )

(   )   –

(   )   (   )

)

("   "

"( ) ( )   "

(   )   (   )

"( )   "

.

–

"( )   "

"( )   "

.

–

"   "   )

( )   .(

( )

( )

( )

( ) ( )

." ( )   "

–

"( )   "

%   .

–

"   (   )

."   "   "( )

"   "   "   "   –

( )

"()   "

"   "   "   "

.