Jan 25, 06 16:19	trimming.ocn	Page 1/2	Jan 25, 06 16:19	trimming.ocn	Page 2/2
; Achim Graupner ; 2006-01-25			temp(27)	"] "	
; graupner@ieee.org			?startIter i	-	
; published under GNU GPL			?analysisVariation	'processAndMismatch	
; papirphed ander one orig			?sweptParam "None"		
; script for the verification	on of a trimming procedure		?saveData t ?nomRun "no"		
<pre>simulator('spectre)</pre>			?append nil		
analysis('ac 2freg "lk"			, monteRun()		
?dev "/V1"			val1 = value(value()	VS("/vout") 0.025) i)	
2param "dc"			fprintf()	·S(, ·Odd , ·Odd , ·Odd) · · · · · · · · · · · · · · · · · ·	
2start "25m"			-princi()		
2stop "1 1"			:		
21in "1"			; run after trimming	at hot temperature	
, , , , , , , , , , , , , , , , , , , ,			, run arter triuming a	at not temperature	
)			,	- verification run iteration %d	\n" i)
analurai a (/ da			princi (PE)	- verification fun iteration %u	(11 1)
analysis(dc			cemp(o5)		
Saveoppoint t			montecario (inumiters	" <u>1</u> "	
?dev "/V1"			?startiter 1		
?param "dc"			?analysisVariation	'processAndMismatch	
?start "25m"			?sweptParam "None"		
?stop "1.1"			?saveData nil		
?lin "1"			?nomRun "no"		
)			?append nil		
)		
<pre>fid = outfile("./oceanScrip</pre>	pt.out" "a")		monteRun()		
for(i 1 100			val2 = value(value()	VS("/vout") 0.025) i)	
			fprintf()		
;			2		
; run at nominal operating	g conditions before trimming		;		
; trimming variable at in:	itial (default) value		; run after trimming	at cold temperature	
; do a single MC simulation	on at iteration i		;		
;			printf("	- verification run iteration %d	\n" i)
printf(" in:	itial run iteration %d	-\n" i)	temp(-25)		, , , , , , , , , , , , , , , , , , ,
desVar("voffset" 0)		, , , , , , , , , , , , , , , , , , ,	monteCarlo(?numIters	"1"	
temp(27)			?startIter i	-	
monteCarlo(?analysisVariation	'processAndMismatch	
2numIters "1"			?sweptParam "None"	1	
?startIter i			?saveData nil		
?analysisVariation 'prod	cessAndMismatch		?nomRun "no"		
?sweptParam "None"			?append nil		
?saveData t)		
?nomRun "ves"			monteRun()		
2append nil			monroentair()		
			val3 = value(value)	$VS("/vout") \cap O(25) i$	
monteRun()			fprintf()	v5(/ voac / 0.025/ 1 /	
monecican()			ipiinci()		
; get measurements and wr	ite to file		drain(fid) :fluch		
; get value form i/th MC-	iteration and from some point in the swe	aen	didin(iid) /iidsh		
γ get value form i ch MC	(wout ") 0 025) ;)	eep) for loop		
forintf(fid "%d \n" i wa	10 \) /101 100p		
- Princi (IIG %G (II I Vd.			close(fid)		
;					
; nominal run after trimm:	ing				
; compute trimming value t	from last run's measurements				
; the offset should be clo	ose to zero as it now is ideally trimmed	£			
;					
printf(" tr:	imming run iteration %d	\n" i)			
<pre>desVar("voffset" -val0)</pre>					