





































































































Saturating arithmetic		
Returns largest/smallest number in case of over/underflows		
Example:		
a		0111
b	+	1001
standard wrap around arithmetic		1)0000
saturating arithmetic		1111
(a+b)/2:	correct	1000
	wrap around arithmetic	0000
	saturating arithmetic + shifted	0111 "almost correct"
<ul> <li>Appropriate for DSP/multimedia applications:</li> <li>No timeliness of results if interrupts are generated for overflows</li> <li>Precise values less important</li> <li>Wrap around arithmetic would be worse.</li> </ul>		
BF - ES		- 52 -











