

5.302 opposite_sign

DESCRIPTION

LINKS

Origin	Arithmetic.
Constraint	<code>opposite_sign(VAR1,VAR2)</code>
Arguments	<p>VAR1 : <code>dvar</code></p> <p>VAR2 : <code>dvar</code></p>
Restriction	
Purpose	Enforce the fact that the product of the first and second variables is less than or equal to 0.
Example	<p><code>(6, -3)</code></p> <p>The <code>opposite_sign</code> constraint holds since 6 and -3 do not have the same sign.</p>
Typical	<code>VAR1 \neq 0</code>
Symmetry	Arguments are permutable w.r.t. permutation (VAR1, VAR2).
See also	<p>comparison swapped: <code>same_sign</code>.</p> <p>implies (if swap arguments): <code>abs_value</code>.</p>
Keywords	<p>constraint arguments: binary constraint.</p> <p>constraint type: predefined constraint, arithmetic constraint.</p> <p>filtering: arc-consistency.</p>

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