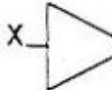
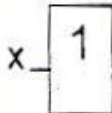
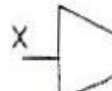
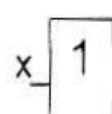
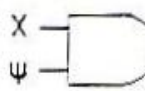
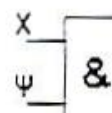
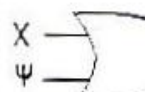
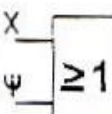
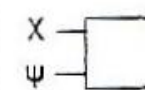
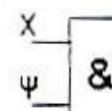
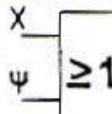
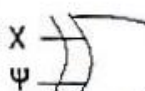
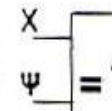
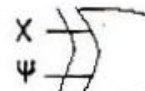
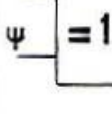


ΨΗΦΙΑΚΕΣ ΛΟΓΙΚΕΣ ΛΕΙΤΟΥΡΓΙΕΣ (ΠΥΛΕΣ)

Χαρακτηρισμός	Σύμβολο κατά ANSI	Σύμβολο κατά DIN	Αλγεβρική συνάρτηση (<i>μεσημεριανή επιφύραση</i>)	Πίνακας αληθείας															
ΑΠΟΜΟΝΩΤΗΣ			$\Omega = X$	<table><tr><th>X</th><th>Ω</th></tr><tr><td>1</td><td>1</td></tr><tr><td>0</td><td>0</td></tr></table>	X	Ω	1	1	0	0									
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ΑΝΑΣΤΡΟΦΕΑΣ OXI (NOT)			$\Omega = X'$	<table><tr><th>X</th><th>Ω</th></tr><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></table>	X	Ω	0	1	1	0									
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ΚΑΙ (AND)			$\Omega = X\psi$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	X	ψ	Ω	0	0	0	0	1	0	1	0	0	1	1	1
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Ή (OR)			$\Omega = X + \psi$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	X	ψ	Ω	0	0	0	0	1	1	1	0	1	1	1	1
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OXI ΚΑΙ (NAND)			$\Omega = (X\psi)'$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	X	ψ	Ω	0	0	1	0	1	1	1	0	1	1	1	0
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OXI Ή (NOR)			$\Omega = (X + \psi)'$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	X	ψ	Ω	0	0	1	0	1	0	1	0	0	1	1	0
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ΑΠΟΚΛΕΙΣΤΙΚΟ Η' (EXOR)			$\Omega = X\psi' + X'\psi$ $= X \oplus \psi$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	X	ψ	Ω	0	0	0	0	1	1	1	0	1	1	1	0
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ΑΠΟΚΛΕΙΣΤΙΚΟ ΟΥΤΕ (EXNOR)			$\Omega = X\psi + X'\psi'$ $= X \odot \psi$	<table><tr><th>X</th><th>ψ</th><th>Ω</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	X	ψ	Ω	0	0	1	0	1	0	1	0	0	1	1	1
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ΨΗΦΙΑΚΕΣ ΛΟΓΙΚΕΣ ΛΕΙΤΟΥΡΓΙΕΣ ΤΩΝ ΠΥΛΩΝ

ΑΠΟΜΟΝΩΤΗΣ <table><tr><td>X</td><td>Ω</td></tr><tr><td>1</td><td>1</td></tr><tr><td>0</td><td>0</td></tr></table>	X	Ω	1	1	0	0		ΑΝΑΣΤΡΟΦΕΑΣ (NOT) <table><tr><td>X</td><td>Ω</td></tr><tr><td>1</td><td>0</td></tr><tr><td>0</td><td>1</td></tr></table>	X	Ω	1	0	0	1																			
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ΚΑΙ (AND) <table><tr><td>X</td><td>Ψ</td><td>Ω</td></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	X	Ψ	Ω	0	0	0	0	1	0	1	0	0	1	1	1		ΑΡΝΗΣΗ ΚΑΙ (NAND) <table><tr><td>X</td><td>Ψ</td><td>Ω</td></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	X	Ψ	Ω	0	0	1	0	1	1	1	0	1	1	1	0	
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