

ToolS	Solver tools					
g-shift						
f-shift		realSlv _y [*]	realSlv			
unshifted	SDIGS ₃₄	cpxSlv _y [*]	cpxSlv	↓Est ₀	↑Est ₀	Graphs
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Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_ToolInt_ADV_page_1.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_TRG_page_1.pdf

Ref 1 https://47calc.com/doc/C47/Reference/C47_Solver_Result_Codes.pdf

Ref 2 https://47calc.com/doc/Application%20Notes/AN0002_C47_JM_Graphs_and_complex_solver.pdf

Ref 3 https://47calc.com/doc/Application%20Notes/AN0010_C47_JM_Complex_solver_continued_r1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	ToolS	MENU	Solver tools	Solver tools and parameter settings ; Ref : https://47calc.com/doc/C47/Reference/C47_Solver_Result_Codes.pdf	Solver		ToolS	
F1	SDIGS ₃₄	Setting (pgm)	Set significant digits	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONVG? ; value of 0 sets maximum precision (34) ; TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS	Mathematics		SDIGS ₃₄	34
F2	cpxSlv _y ^x	Command (nonpgm)	Complex solver (stack limits)	Solve the algebraic expression (= 0) entered in the equation editor for complex roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; solver estimates set from stack (Y, X) ; Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy ≈ ; <var> _{prev} = ; <var> = (optionally: conjugates) ; Ref : https://47calc.com/doc/C47/Reference/C47_Solver_Result_Codes.pdf	Solver	SOLVING	cpxSlv _y ^x	
F3	cpxSlv	Command (nonpgm)	Complex solver (variable limits)	Solve the algebraic expression (= 0) entered in the equation editor for complex roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; solver estimates set from variables (↓Est, ↑Est) ; Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy ≈ ; <var> _{prev} = ; <var> = (optionally: conjugates) ; Ref : https://47calc.com/doc/C47/Reference/C47_Solver_Result_Codes.pdf	Solver	SOLVING	cpxSlv	
F4	↓Est ₀	Variable (real)	Lower estimate for solver	Reserved Real variable for the lower estimate for solver (↓Est) ; displays as ↓E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSlv _y ^x or cpxSlv _y ^x ; Split screen : Displaying ↑Est Upper = ; ↓Est Lower =	Solver		↓EST	0
F5	↑Est ₀	Variable (real)	Upper estimate for solver	Reserved Real variable for the upper estimate for solver (↑Est) ; displays as ↑E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSlv _y ^x or cpxSlv _y ^x ; Split screen : Displaying ↑Est Upper = ; ↓Est Lower =	Solver		↑EST	0
F6	Graphs	MENU	Graphing...	Equation graphing functions	Plotting		Graphs	
fF1								
fF2	realSlv _y ^x	Command (nonpgm)	Real solver (stack limits)	Solve the algebraic expression (= 0) entered in the equation editor for real roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; monitoring set by MONIT ; solver estimates set from stack (Y, X) ; Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy ≈ ; <var> _{prev} = ; <var> =	Solver	SOLVING	realSlv _y ^x	
fF3	realSlv	Command (nonpgm)	Real solver (variable limits)	Solve the algebraic expression (= 0) entered in the equation editor for real roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; monitoring set by MONIT ; solver estimates set from variables (↓Est, ↑Est) ; Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy ≈ ; <var> _{prev} = ; <var> =	Solver	SOLVING	realSlv	
fF4								
fF5								
fF6								
gF1								
gF2								
gF3								
gF4								
gF5								
gF6								

p1	ToolS	Link
F1	SDIGS ₃₄	
F2	cpxSlv _y ^x	
F3	cpxSlv	
F4	↓Est ₀	
F5	↑Est ₀	
F6	Graphs	https://47calc.com/doc/C47/Menus/C47_Menu_Graphs_page_1.pdf
fF1		
fF2	realSlv _y ^x	
fF3	realSlv	
fF4		
fF5		
fF6		
gF1		
gF2		
gF3		
gF4		
gF5		
gF6		