[11.10] solve() may return false solutions for trigonometric expressions

Executing the solve() function as shown:

$$solve(tan(x-1)/(x-1)=\emptyset,x)$$

returns

$$x = @n1*E + 1$$

The 89/92+ use the notation @n1 to indicate an arbitrary integer, which usually includes 0. In this case, x = 1 is not a solution, since the expression is undefined at x = 1.

solve() does not even return the correct result for the limit as x approaches 1, since

$$\lim_{x\to 1}\frac{tan(x-1)}{x-1}=1$$

This effect is also shown if tan() is replaced with sin().

(Credit to Timité Hassan)