[11.3] Try cZeros() and cSolve() to find real solutions

zeros() and solve() may return no solutions even when real solutions exist, for example:

returns false, and

returns {}, indicating that no solution was found. However,

$$cSolve((-1)^n=1,n)$$

returns n = 2*@n1, and

$$cZeros((-1)^n-1,n)$$

returns {2*@n1}; both of these results are correct.

As another example, consider

$$cSolve(ln(e^z_)=ln(z_^2))$$

As shown, with no guess, the returned result is

$$e^z_{-z_{-}}2=\emptyset$$

which doesn't help much. However, with an initial complex solution guess:

$$cSolve(ln(e^z_)=ln(z_^2), \{z_=i\})$$

cSolve() returns one complex result of 1.588... + 1.540...i. With a real guess:

$$cSolve(ln(e^z_)=ln(z_^2), \{z_=\emptyset\})$$

cSolve() returns one real result of -0.7034... Note that cSolve() returns these approximate floating-point results even in Exact mode.

(Credit to Bhuvanesh Bhatt)