

- [[U0n0a0 [[r0e0s0i0s0t0e0n0c0i0a0 [[i0d0e0a0]]0:0 000°0.
 - [[U0n0 [[c0o0n0d0e0n0s0a0d0o0r0 [[i0d0e0a0]]0:0 0-09000°0.
 - [[U0n0a0 [[b0o0b0i0n0a0 [[i0d0e0a0]]0:0 0+09000°0.
 - [[U0n0 [[c0o0n0d0e0n0s0a0d0o0r0 [[r0e0a0]]0 [[p0o0d0r0í0a0 [[m0o0s0t0r0a0r0 0-08070°0.0 [[p0o0r0q0u0e0 [[t0i0e0n0e0 [[
- [[E0]]0 [[s0i0g0n0o0 [[p0u0e0d0e0 [[d0e0p0e0n0d0e0r0 [[d0e0 [[l0a0 [[c0o0n0v0e0n0c0i0ó0n0 [[d0e0 [[p0r0e0s0e0n0t0a0c0i0ó0n0 [[
- [[c0o0m0p0o0r0t0a0m0i0e0n0t0o0 [[c0a0p0a0c0i0t0i0v0o0 [[a0p0a0r0e0c0e0 [[c0o0n0 [[á0n0g0u0]]0o0 [[n0e0g0a0t0i0v0o0 [[y0 [[e0

[[E0S0R

- [[L0[[E0S0R]]0 [[r0e0s0i0s0t0e0n0c0i0a0 [[s0e0r0i0e0 [[e0q0u0i0v0a0]]e0n0t0e0,0 [[e0s0 [[l0a0 [[r0e0s0i0s0t0e0n0c0i0a0 [[q0u0e0 [[c0o0m0p0o0n0e0n0t0e0.0 [[E0n0 [[u0n0 [[c0o0n0d0e0n0s0a0d0o0r0 [[i0n0c0]]u0y0e0,0 [[e0n0t0r0e0 [[o0t0r0a0s0,0 [[l0a0 [[r0e0s0 [[p0é0r0d0i0d0a0s0 [[a0s0o0c0i0a0d0a0s0 [[a0]]0 [[d0i0e0]]é0c0t0r0i0c0o0.

$$ESR=R$$

- [[P0a0r0a0 [[u0n0 [[m0o0d0e0]]0o0 [[s0e0r0i0e0:0

$$ESR=\frac{D}{2\pi fC}$$

- [[E0n0 [[u0n0 [[c0o0n0d0e0n0s0a0d0o0r0,0 [[s0u0 [[r0e0]]a0c0i0ó0n0 [[a0p0r0o0x0i0m0a0d0a0 [[c0o0n0 [[D0 [[e0s0:0
- [[P0o0r0 [[e0s0o0 [[l0a0 [[E0S0R0 [[d0e0p0e0n0d0e0r0 [[d0e0 [[l0a0 [[f0r0e0c0u0e0n0c0i0a0 [[y0 [[n0o0 [[d0e0b0e0 [[c0o0m0p0a0r0a0 [[c0o0n0t0i0n0u0a0.
- [[L0a0 [[E0S0R0 [[r0e0s0u0]]0t0a0 [[e0s0p0e0c0i0a0]]m0e0n0t0e0 [[ú0t0i0]]0 [[p0a0r0a0:
 - [[D0e0t0e0c0t0a0r0 [[c0o0n0d0e0n0s0a0d0o0r0e0s0 [[e0]]e0c0t0r0o0]]í0t0i0c0o0s0 [[d0e0g0r0a0d0a0d0o0s0.
 - [[C0o0m0p0a0r0a0r0 [[c0o0n0d0e0n0s0a0d0o0r0e0s0 [[a0p0a0r0e0n0t0e0m0e0n0t0e0 [[i0g0u0a0]]e0s0.
 - [[D0i0a0g0n0o0s0t0i0c0a0r0 [[r0i0z0a0d0o0 [[e0x0c0e0s0i0v0o0 [[e0n0 [[f0u0e0n0t0e0s0 [[d0e0 [[a0]]i0m0e0n0t0a0c0i0ó0
 - [[E0v0a0]]u0a0r0 [[c0o0n0d0e0n0s0a0d0o0r0e0s0 [[d0e0 [[f0u0e0n0t0e0s0 [[c0o0n0m0u0t0a0d0a0s0.
 - [[M0e0d0i0r0 [[p0é0r0d0i0d0a0s0 [[i0n0t0e0r0n0a0s0 [[d0e0 [[i0n0d0u0c0t0o0r0e0s0 [[y0 [[o0t0r0o0s0 [[c0o0m0p0o0n0e0n0
- [[U0n0 [[c0o0n0d0e0n0s0a0d0o0r0 [[p0u0e0d0e0 [[c0o0n0s0e0r0v0a0r0 [[u0n0a0 [[c0a0p0a0c0i0d0a0d0 [[c0e0r0c0a0n0a0 [[a0 [[s0 [[P0o0r0 [[e0s0a0 [[r0a0z0ó0n0,0 [[m0e0d0i0r0 [[ú0n0i0c0a0m0e0n0t0e0 [[l0o0s0 [[m0i0c0r0o0f0a0r0a0d0i0o0s0 [[n0o0 [[s0i0e0m0

[[C0ó0m0o0 [[i0n0t0e0r0p0r0e0t0a0r0]]o0s0 [[e0n0 [[e0]]0 [[D0Q0002

- [[P0r0o0c0e0d0i0m0i0e0n0t0o
 - 01.-0 [[D0e0s0c0a0r0g0a0r0 [[c0o0m0p0]]e0t0a0m0e0n0t0e0 [[e0]]0 [[c0o0n0d0e0n0s0a0d0o0r0 [[a0n0t0e0s0 [[d0e0 [[c0o0
 - 02.-0 [[S0e0p0a0r0a0r0 [[e0]]0 [[c0o0m0p0o0n0e0n0t0e0 [[d0e0]]0 [[c0i0r0c0u0i0t0o0 [[c0u0a0n0d0o0 [[s0e0a0 [[p0o0s0i0b0 [[p0a0r0a0]]e0]]0o0 [[a0]]t0e0r0a0n0 [[l0a0 [[l0e0c0t0u0r0a0.
 - 03.-0 [[C0o0n0e0c0t0a0r0 [[e0]]0 [[c0o0m0p0o0n0e0n0t0e0 [[a0]]0 [[D0Q00020 [[y0 [[s0e0]]e0c0c0i0o0n0a0r0 [[l0a0 [[f0r0e0
 - 04.-0 [[E0s0p0e0r0a0r0 [[a0 [[q0u0e0 [[s0e0 [[e0s0t0a0b0i0]]0]]c0e0 [[e0]]0 [[p0a0r0á0m0e0t0r0o0 [[p0r0i0n0c0i0p0a0]]0 [[L0
 - 05.-0 [[P0[[X0/0000E0]]R0p0a0r0a0 [[r0e0c0o0r0r0e0r0 [[l0o0s0 [[p0a0r0á0m0e0t0r0o0s0 [[s0e0c0u0n0d0a0r0i0o0s0.
 - 06.-0 [[A0n0o0t0a0r0 [[s0i0e0m0p0r0e0 [[e0]]0 [[p0a0r0á0m0e0t0r0o0,0 [[e0]]0 [[v0a0]]o0r0,0 [[l0a0 [[f0r0e0c0u0e0n0c0i0a0
 - 07.-0 [[P0a0r0a0 [[c0o0m0p0a0r0a0r0 [[c0o0m0p0o0n0e0n0t0e0s0,0 [[u0t0i0]]i0z0a0r0 [[s0i0e0m0p0r0e0 [[l0a0 [[m0i0s0m0
- [[E0]]0 [[D0Q00020 [[d0i0s0p0o0n0e0 [[d0e0 [[v0a0r0i0o0s0 [[n0i0v0e0]]e0s0 [[d0e0 [[s0e0]]ñ0a0]]0 [[d0e0 [[p0r0u0e0b0a0,0 [[i0n0d0i0 [[V0 [[y0 00.060 [[V0:0 [[c0a0m0b0i0a0r0 [[e0]]0 [[n0i0v0e0]]0 [[p0u0e0d0e0 [[p0r0o0d0u0c0i0r0 [[p0e0q0u0e0]]ñ0a0s0 [[v0a0r0i0a0c0 [[m0a0t0e0r0i0a0]]e0s0 [[m0a0g0n0é0t0i0c0o0s0.

[[E0j0e0m0p0]]o0s0 [[d0e0 [[u0s0o

[[C0o0n0d0e0n0s0a0d0o0r0 [[e0]]e0c0t0r0o0]]í0t0i0c0o

- [[L0[[e0c0t0r0]]0 [[n0c0i0p0a0]]:
 - [[C0 0=0 00000000
 - [[E0S0R0 0=00000 0.01080
 - [[D0 0=0 000.0102
- [[I0n0t0e0r0p0r0e0t0a0r0]]0n0 [[d0e0n0s0a0d0o0r0 [[p0o0d0r0í0a0 [[s0e0r0 [[u0t0i0]]i0z0a0b0]]e0,0 [[p0e0r0o0 [[l0a0 [[v0a0]]o0 [[t0e0m0p0e0r0a0t0u0r0a0,0 [[f0r0e0c0u0e0n0c0i0a0 [[y0 [[e0s0p0e0c0i0]]0c0a0c0i0ó0n0 [[d0e0]]0 [[f0a0b0r0i0]]0n0t0e0.0 [[S0i0

