Although digital devices dominate today’s technological landscape, physicist Mark W. Tilden has built hundreds of analog devices that can mimic natural behaviors. These “BIObots,” as he calls them, have nothing to do with computers, resembling instead “the 98 percent of living species that manage fine without a brain.”

According to Tilden, “Unlike digital technology, analog devices may or may not do the same thing twice because they aren’t programmed. You can influence them, but you don’t have absolute control. In cases where their survival is threatened, they have the advantage of instinct.”

The *UniBug 3.1* is an example of a BIObot that senses light and then moves toward the light source.