Novel DNA-Based Molecules and Their Charge Transport Properties

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Abstract

The DNA double-strand recognition, as well as the ability to manipulate its structure open a multitude of ways to make it useful for molecular electronics. Step by step we improve the synthesized constructs and the measurement methods of single DNA-based molecules. I will present new DNA-based molecules and report on our measurements of their properties. I will also present new and surprising results on dsDNA molecules.

References

Figure 2: Insert caption to place caption below figure (Century Gothic 109)