$$\sum_{k=0}^{n}(\alpha^k e^{ik\theta})k^p = c(n) + is(n).$$

Denoting the RHS of (10) or of (11) by $\Phi(a, p, n)$, we get

$$c(n) = \operatorname{Re}\Phi(\alpha e^{i\theta}, p, n), \quad s(n) = \operatorname{Im}\Phi(\alpha e^{i\theta}, p, n),$$

where $\operatorname{Re}\Phi$ and $\operatorname{Im}\Phi$ denote the real part and imaginary part of $\Phi$, respectively. Obviously, this follows from the fact that $(\alpha e^{i\theta})^k = \alpha^k \cos k\theta + i\alpha^k \sin k\theta$.

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AMS Classification Numbers: 05A10, 11B37, 11B68, 11B83

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*Announcement*

## NINTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS

**July 17–July 22, 2000**

**Institut Supérieur de Technologie**
**Grand Duché de Luxembourg**

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Papers from all branches of mathematics and science related to the Fibonacci numbers are welcome. Abstracts, which should be sent in duplicate to F.T. Howard at the address below, are due by June 1, 2000. An abstract should be at most one page in length (preferably half a page) and should contain the author's name and address. New results are especially desirable; however, abstracts on work in progress or results already accepted for publication will be considered. Manuscripts should *not* be submitted. Questions about the conference should be directed to:

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