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Vladimir Fock

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*Vladimir Aleksandrovich Fock* (or *Vladimir Alexandrovich Fok* depending on the transliteration from Cyrillic) (1898 - 1974) Soviet physicist, one of the pioneers of quantum mechanics.

Just a few years after graduating from the university in Petrograd, he studied the Klein-Gordon equation and provided a generalization of it. For more than a dozen years he concentrated his work on optics, but around World War II his interest shifted to quantum mechanics. Today he is perhaps best known for the Bargmann-Fock space. Among theoretical physicists he's also well-known for the Hartree-Fock method still used today by chemists and molecular physicists.

## References

- [1] Charlotte Froese Fischer, *The Hartree-Fock Method for Atoms: A Numerical Approach*. New York: Wiley (1977)
- [2] Peter Ring, Peter Schuck & W. Beiglböck, *The Nuclear Many-body Problem*. New York: Springer Verlag (1980): v