

Appendix A

Front Figure Details

The figure on the front of this book is the diffraction pattern of He–Ne laser light after passing through a $10\ \mu\text{m}$ diameter circular hole. The central peak is far more intense than the surrounding circular rings with increasing diameters. Thus, the central peak and the first ring are heavily overexposed in order to see the ring structure outside this peak. The size of the Airy disc (central peak) as well as the width of the first ring is considerably larger than it would have been without the overexposure.

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