

§18. BIBLIOGRAPHY

There are two basic classes of material in this bibliography, (i) text books on specific subjects which are focused on material that is used in the description and analysis of electromagnetic phenomenon, journal articles that support the text book materials; (ii) text books and journal articles on the historiography of physics, which are used to provide the historical background so often missing from the texts and course instruction of modern physics education. [†]

None of the material presented in this monograph is original in the sense that it did not exist prior to this work. The following sources have been used to produce a compendium of information. Direct references to material in the monograph are noted in the text. In those cases, some or all the material given is derived from the reference source referenced in brackets. In other portions of the monograph, source material is used in an indirect manner. In those case no direct reference is made, but the source is listed in this bibliography.

During the reading of the materials found in the bibliography, it was clear there were distinguished works in the field while other materials were expansions of these works. I have marked in italics, [*Arfk85*], the material I feel is the foundation of later works. Many modern electrodynamics texts *restate* material found in earlier works. Because of the wealth of sources in the field, it is felt that older texts are *closer to the source* and therefore more faithful to the original concepts. In many instances, this may not be true, since the subject matter was still undergoing *discovery*. There are earlier texts however that provided clearer discussions of the material than that found in recent publications. The reader is encouraged to delve further into the subject using this bibliography as a starting point – remembering it is only the *tip of the iceberg*.

Since the subject matter presented in this monograph would not be considered state of the art, most of the references are texts rather than journal articles. This should not diminish the readers enthusiasm for the material since there are still many unanswered questions given as problems in the better texts.

† The primary reference source for texts in the mathematics and physical sciences is *Guide to the Literature of Math and Physics, Including Related Works on Engineering*, Nathaniel G. Parke III, McGraw Hill, 1947, reprinted Dover, 1954. This book is currently out of print, but contains a wealth of reference material, worth searching the used books stores for.

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Bibliography

And further, by these, my son be admonished; of making many books there is no end...

— Ecclesiastes