IEEE eBooks Collections

IEEE eBook Collections –*Points by Collection (pt. 1)*

1)

IEEE-WILEY eBOOKS LIBRARY

- The flagship, best place to start
- Best overall subject coverage
- 1,200 + titles/70 new per year
- Wiley brand

Also partner with Wiley on more focused, subject-specific collections:

WILEY TELECOM

- 430 titles/15 new per year
- Good for vocational prep

WILEY DATA AND CYBERSECURITY

- 200 titles/20 new per year
- Important current subject area
- Also good for prep in industry

- No overlap in content among Wiley collections

2)

IEEE also partners with university presses:

The MIT Press

- Strong trusted brand
- Computer Science focused
- 925 titles/40 new per year
- Key topics: AI, ML, programming

PRINCETON UNIVERSITY PRESS

- Another strong quality brand
- 400 titles/30 new per year
- Good engineering focus
- Expands subject coverage: astrophysics, mathematics, history of science
- Suitable to wide readership

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IEEE eBook Collections –P*oints by Collection (pt. 2)*

3) Other collections with specific strengths…

River Publishers
- 415 titles/50 new per year
- Practical engineering applications
- Energy (think River, Hydro), Circuits

ARTECH HOUSE BOSTON I LONDON
- 775 titles/30 new per year
- Wave technologies (Radio, Micro)
- Power, Sensors

SAE INTERNATIONAL
- Highly respected brand
- 325 titles/15 new per year
- Targeted, focused, high-quality
- Automotive, aerospace

4) Up-To-Date Research

now the essence of knowledge
- Shorter format, current/emerging topics
- 700 titles/40 new per year
- M&C 2.0!
- Good overview for those unfamiliar

5) And, the newest collections

MANNING
- Well-established, practitioner focused
- Broader overview of subjects
- "Designing Deep Learning Systems," e.g.
- 400 titles, 50 new per year
- Reference, textbooks, handbooks

<packt>
- Practitioner focused, specific CS applications
- "Python in Fintech," e.g.
- 725 titles, 200 new per year
- C++, Java, Python, SQL

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Breakdown by Topical Category

IEEE Topical Category	Manning	Packt	Artech	IEEE-Wiley	Wiley Data	MIT Press	NOW FnT	Princeton	River	SAE	Wiley Telecom
Aerospace	0%	0%	6%	2%	0%	2%	1%	9%	0%	10%	20%
Bioengineering	0%	0%	7%	4%	0%	3%	4%	5%	9%	0%	1%
Communication, Networking and Broadcast Technologies	1%	1%	33%	33%	46%	11%	19%	1%	20%	4%	81%
Components, Circuits, Devices and Systems	0%	0%	37%	36%	4%	13%	14%	0%	11%	60%	41%
Computing and Processing	100%	100%	16%	41%	72%	74%	74%	4%	14%	13%	62%
Engineered Materials, Dielectrics and Plasmas	0%	0%	0%	5%	0%	1%	0%	1%	9%	1%	0%
Engineering Profession	1%	0%	4%	2%	0%	6%	0%	3%	4%	0%	0%
Fields, Waves and Electromagnetics	0%	0%	29%	19%	0%	2%	2%	3%	0%	4%	14%
General Topics for Engineers	4%	1%	96%	10%	15%	33%	20%	83%	14%	47%	6%
Geoscience	0%	0%	1%	2%	0%	3%	0%	6%	0%	6%	0%
Nuclear Engineering	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
Photonics and Electrooptics	0%	0%	4%	4%	0%	0%	0%	1%	3%	0%	13%
Power, Energy and Industry Applications	0%	0%	5%	22%	0%	6%	8%	1%	6%	60%	2%
Robotics and Control Systems	0%	1%	1%	5%	0%	3%	10%	1%	5%	2%	1%
Signal Processing and Analysis	0%	0%	2%	12%	0%	3%	11%	1%	5%	0%	21%
Transportation	0%	0%	4%	3%	0%	2%	1%	1%	1%	99%	12%