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Writing a Claim

Overall structure

Two of my articles follow IPTC format, but one follows IPC. As shown in Tables 1 and 2, for the first two articles, there are more than four sections, and at least some of the sections have titles specific to the research. In both articles, about half of the paper is in the Process division, as is common in IPTC. In the third article, as shown in Figure 3, there is no testing division, so this paper, which shows a mathematical proof, follows the IPC format.

The first article is a little unusual because the name of the second section is specific to the research. At first, I thought that section should go in the Process division, but it talks about limitations of previous literature (2 need) rather than the background theory (4 framework) so I decided to put it in I. The second has a section titled Discussion, which is rare in engineering, and the article is twice as long as the other two. For the third, instead of calling the last section Conclusion, it has a longer title. Most of the math expressions in these articles seem to be counted as a single word, so it was fairly easy to get an accurate word count.

Table 1 Section titles and length in an IPTC article, Eight Element Receiver [1]

Div.	Section/Subsection Titles	Para-graphs	Word count	%
I	I. INTRODUCTION	3	391	
	II. EIGHT-ELEMENT PROGRAMMABLE PPA RECEIVER ARCHITECTURE	3	351	17
P	III. TECHNOLOGY, DESIGN, AND BUILDING BLOCK MEASUREMENTS		2059	48
	A. Technology	1	106	
	B. Reconfigurable Input Switching Network	9	402	
	C. Wideband Phased Array Channel	5	441	
	D. Reconfigurable Output Combining Network	4	404	
	E. Differential-to-Single-Ended Converter	1	140	
	F. Digital Beamforming Path	1	301	
	G. Digital and Reference Current Control	2	188	
	H. Layout	1	77	
T	IV. SYSTEM-LEVEL SIMULATIONS	6	683	
	V. MEASUREMENTS		740	
		1	82	33
	A. S-Parameters, Linearity, and Noise	4	450	
	B. Isolation and Forward Coupling	3	208	
C	VI. CONCLUSION	1	109	3
Total		45	4333	100

Table 2 Section titles and length in an IPTC article, Spatial Query Integrity [2]

Div.	Section/Subsection Titles	Para-graphs	Word count	%
I	1 Introduction	8	1164	19
	2 Related Work	4	742	
P	3 Preliminaries	8	551	53
	3.1 Voronoi Diagrams			
	3.2 Signature Aggregation			
	4 Data Transformation	4	609	
	5 Authenticating Spatial Inquiries	27	4304	
	5.1 Query Processing at the SP			
	5.2 Signature Verification			
	5.3 Geometric Verification			
	5.3.1 kNN and Range Query Verification			
	5.3.2 RkNN Query Verification			
	5.3.3 KaNN Query Verification			
	5.3.4 Spatial Skyline Query Verification			
T	6 Experiments	13	2219	26
	6.1 Experimental Settings			
	6.2 VN-Auth and MR- and MR*-trees			
	6.3 Advanced Spatial Inquiries			
	7 Discussion	2	471	
C	8 Conclusions	1	172	2
Total		67	10248	100

Table 3 Section titles and length in an IPC article, On 4-Ordered 3-Regular Graphs [3]

Div.	Section/Subsection Titles	Para-graphs	Word count	%
I	1. Introduction	6	595	13
P	2. 4-Ordered cells	17	1966	84
	3. Generalized honeycomb torus	24	1819	
C	4. Main result and concluding remarks	3	125	3
Total		50	4505	100

References

1. SAYGINER, M. & REBEIZ, G. M. 2016. An eight-element 2–16-GHz programmable phased array receiver with one, two, or four simultaneous beams in SiGe BiCMOS. IEEE Transactions on Microwave Theory Techniques, 64, 4585-4597.
2. HU, L., KU, W.-S., BAKIRAS, S. & SHAHABI, C. 2013. Spatial query integrity with Voronoi neighbors. IEEE Transactions on Knowledge and Data Engineering, 25, 863-876.
3. TSAI, M., TSAI, T.-H., TAN, J. J. & HSU, L.-H. 2011. On 4-ordered 3-regular graphs. Mathematical and Computer Modelling, 54, 1613-1619.