

# A Sample *ACM* SIG Proceedings Paper in LaTeX Format<sup>\*</sup>

[Extended Abstract]<sup>†</sup>

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## ABSTRACT

hey guys it's the abstract! Wow I'm doing math

$$\sum_i \lambda_i x_i x_i^T = M$$

and I can do math in text too by saying stuff like  $2 \cdot 2 = 4$ .

## Categories and Subject Descriptors

H.4 [Information Systems Applications]: Miscellaneous;  
D.2.8 [Software Engineering]: Metrics—*complexity mea-  
sures, performance measures*

## General Terms

Theory

## Keywords

ACM proceedings, L<sup>A</sup>T<sub>E</sub>X, text tagging

1. INTRODUCTION
2. BACKGROUND
3. OPTIMIZER DESIGN
4. DIVIDE-FACTOR-COMBINE
5. EVALUATION
6. RELATED WORK
7. CONCLUSIONS
8. ACKNOWLEDGMENTS

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