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Abstract

Text of abstract goes here

1 Introduction

Let's do some font tests:

Ligatures: fi, fl, ff, ffi, ffl, fff

Roman vs. Sans Serif

SMALL CAPS *ITALIC*

SMALL CAPS *ITALIC*

SMALL CAPS SANS *ITALIC*

SMALL CAPS SANS *BOLD ITALIC*

Numbers: 1234567890

Math Numbers: 1234567890 (should be same font as on prev. line, or very similar)

Text: abcdefghjxyzABCDEFGHJXYZ

Math Text: abcdefghjxyzABCDEFGHJXYZ (should be same font as on prev. line)

Math Text: abcdefghjxyzABCDEFGHJXYZ (with $\mathrm{\}$ we don't get kerning)

Math italic should match text italic exactly or very closely, but different spacing:

Italic: *abcdefghjxyzABCDEFGHJXYZ*

Math Italic: *abcde fghjxyzABCDEFGHJXYZ*

subscript text: *abcdefghjxyzABCDEFGHXYZ* Math subscript: *abcde fghxyzABCDEFGHXYZ*

Some nonsense Math to test formatting & fonts. Do *not* use the command $\mathrm{\}$ in Math directly, it'll mess up the fonts. Format Math using the macros for vectors, matrices, and such, defined in the preamble. The following examples should work without giving font errors (you may get some font

warnings, which appear to come from using $\backslash \text{bm}\{\}$):

$$\alpha\beta\gamma\theta\Psi\psi = \frac{\partial\mu_{xy}}{\partial\varphi} = \frac{\partial f(x)}{\partial x} = \mathbf{b}\mathbf{b}\nabla b\langle f|\hat{H}|\partial f^\mu\rangle \rightarrow \sum_{i=1}^{\infty} x^i \sigma_{MM}\hat{p}$$

$$\int_0^{\infty} \zeta(\mathbf{r}) dV = \frac{15\pi}{2}$$

$$\pi_{\parallel}^* ; \pi_{\perp}^*$$

$$AVWab, \frac{2\pi ft}{k} = \text{Re}[\gamma]$$

Some accents and umlaute: å ø ä ö

A chemical formula: H_3O^+

2 Theoretical and Computational Details

3 Results and Discussion

4 Summary and Conclusions

Acknowledgments

We acknowledge the Center for Computational Research (CCR) at the University at Buffalo for providing computational resources. This work has received support from grant ***** Insert Grant Number and Funding Agency *****

Supporting Information Available

***** State what SI is available. ***** This material is available free of charge via the Internet at <http://pubs.acs.org>.

***** adjust as needed *****