

Title of Your Research Report

A Paper Study Report

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Keywords: Big Data Analysis, Cloud Computing

1 Introduction

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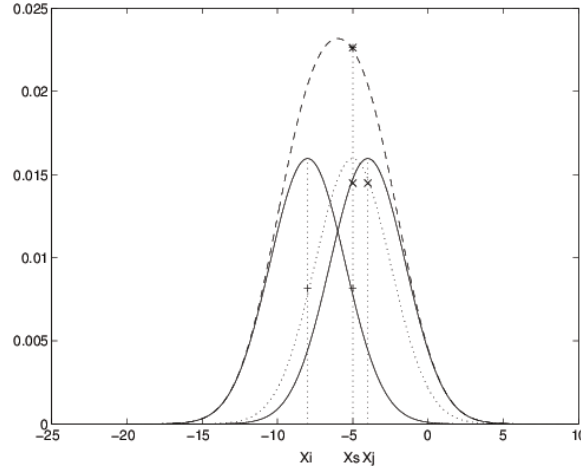


Fig. 1. One kernel at x_s (*dotted kernel*) or two kernels at x_i and x_j (*left and right*) lead to the same summed estimate at x_s . This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

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$$(1) \quad \psi(u) = \int_o^T \left[\frac{1}{2} (\Lambda_o^{-1} u, u) + N^*(-u) \right] dt .$$

Equations should be punctuated in the same way as ordinary text but with a small space before the end punctuation mark.

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The superscript numeral used to refer to a footnote appears in the text either directly after the word to be discussed or – in relation to a phrase or a sentence – following the punctuation sign (comma, semicolon, or period). Footnotes should appear at the bottom of the normal text area, with a line of about 2 cm set immediately above them.¹

1.6 Program Code

Program listings or program commands in the text are normally set in typewriter font, e.g., CMTT10 or Courier.

Example of a Computer Program

```
program Inflation (Output)
  {Assuming annual inflation rates of 7%, 8%, and 10%,...
   years};
  const
    MaxYears = 10;
  var
    Year: 0..MaxYears;
    Factor1, Factor2, Factor3: Real;
  begin
    Year := 0;
    Factor1 := 1.0; Factor2 := 1.0; Factor3 := 1.0;
    WriteLn('Year  7% 8% 10%'); WriteLn;
    repeat
      Year := Year + 1;
      Factor1 := Factor1 * 1.07;
      Factor2 := Factor2 * 1.08;
      Factor3 := Factor3 * 1.10;
      WriteLn(Year:5,Factor1:7:3,Factor2:7:3,Factor3:7:3)
    until Year = MaxYears
  end.
```

2 References and Citations

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Over time, various efforts were aimed at extending this simple model—most notably object-oriented [3] (or object-relational [7]) systems in the 1980's.

But, no doubt following the slow integration of generic programming into mainstream object-oriented languages (C++ did not offer templates until 1991 [8] and Java lacked generics until 2004 [6]), such systems arguably did not offer much in the way of additional functionality compared to the flat relational model, besides pointers and

¹ The footnote numeral is set flush left and the text follows with the usual word spacing.

some support for inheritance, and as such, the efforts never gained widespread attraction.

Storing Complex Objects. Today, however, the data management landscape is awash in cloud-based systems supporting many complex data types [9, 11, 10, 1, 5, 2, 4].

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