

G

224

$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

As a result, the \mathcal{H}_2 norm of the closed-loop system is bounded by

$$\|\mathcal{H}_2\| \leq \sqrt{\frac{1}{\lambda_{\min}(\mathbf{P})} \left(\frac{1}{\lambda_{\min}(\mathbf{P})} + \frac{1}{\lambda_{\min}(\mathbf{Q})} \right)} \quad (11)$$

where $\lambda_{\min}(\mathbf{P})$ and $\lambda_{\min}(\mathbf{Q})$ are the minimum eigenvalues of \mathbf{P} and \mathbf{Q} , respectively. The \mathcal{H}_2 norm of the closed-loop system is bounded by the square root of the sum of the reciprocals of the minimum eigenvalues of \mathbf{P} and \mathbf{Q} . This result is useful for designing a controller that minimizes the \mathcal{H}_2 norm of the closed-loop system.

Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C .

11. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

$$\begin{aligned}
\text{Theorem 1.} \quad & \text{Let } \mathcal{H} \text{ be a Hilbert space, } \mathcal{A} \text{ a } \sigma\text{-algebra, and } \mathcal{F} \text{ a } \sigma\text{-field. Let } \mathcal{G} \text{ be a } \sigma\text{-algebra such that } \mathcal{A} \subset \mathcal{G} \subset \mathcal{F}. \text{ Let } \mathcal{H} \text{ be a Hilbert space, } \mathcal{A} \text{ a } \sigma\text{-algebra, and } \mathcal{F} \text{ a } \sigma\text{-field. Let } \mathcal{G} \text{ be a } \sigma\text{-algebra such that } \mathcal{A} \subset \mathcal{G} \subset \mathcal{F}. \\
\text{Theorem 2.} \quad & \text{Let } \mathcal{H} \text{ be a Hilbert space, } \mathcal{A} \text{ a } \sigma\text{-algebra, and } \mathcal{F} \text{ a } \sigma\text{-field. Let } \mathcal{G} \text{ be a } \sigma\text{-algebra such that } \mathcal{A} \subset \mathcal{G} \subset \mathcal{F}. \text{ Let } \mathcal{H} \text{ be a Hilbert space, } \mathcal{A} \text{ a } \sigma\text{-algebra, and } \mathcal{F} \text{ a } \sigma\text{-field. Let } \mathcal{G} \text{ be a } \sigma\text{-algebra such that } \mathcal{A} \subset \mathcal{G} \subset \mathcal{F}.
\end{aligned}$$

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}}$

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

C L C 's

666

2 3 4 5
 6 7 8 9

[illegible]

G

COMPANIES FORM No. 224

224

Notice of accounting reference date
(to be delivered within 9 months of
incorporation)

Please do not
write in
this margin

Pursuant to section 224 of the Companies Act 1985
as inserted by section 3 of the Companies Act 1989

Please complete
legibly, preferably
in black type, or
bold block
lettering

To the Registrar of Companies
(Address overleaf)

Company number

2812960

Name of company

G. C. DAVIS & SONS LIMITED

*insert full name
of company

gives notice that the date on which the company's accounting reference period is to be
treated as coming to an end in each successive year is as shown below:

Important

The accounting
reference date to
be entered along-
side should be
completed as in the
following examples:

Day Month

31/10/15

5 April

Day Month

05/04

30 June

Day Month

30/06

31 December

Day Month

31/12

+ Insert
Director,
Secretary,
Administrator,
Administrative
Receiver or
Receiver
(Scotland) as
appropriate

Signed

Designation + *Director*

Date *20/1/94*

Presentor's name address and
reference (if any):

ACCOUNTS PREPARED
BY CO. ACCOUNTANTS
123 - 124 High Street,
Southampton,
Hampshire SO1 0AA
Tel Southampton (0703) 225255

For official use

D.E.B.

Post room

16 FEB 1994

HOUSE