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CONSEJERÍA DE ECONOMÍA, INNOVACIÓN, CIENCIA Y EMPLEO

Marzo-abril 2014

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Biometrika, ISSN 0006-3444 / Oxford University Press

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Boletín inflación y análisis macroeconómico, ISSN 1888-928X / Laboratorio de Predicción y Análisis Macroeconómico, Instituto Flores de Lemus, Universidad Carlos III de Madrid

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CIRIEC-España: revista de economía pública, social y cooperativa, ISSN 0213-8093 / Centro Internacional de Investigación e Información sobre la Economía Pública, Social y Cooperativa (CIRIEC-España)

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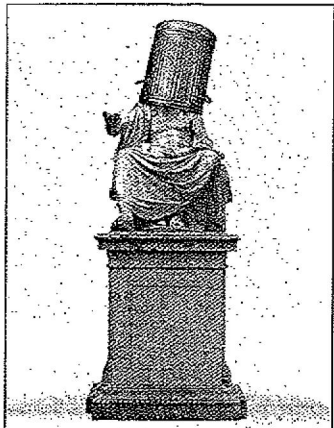
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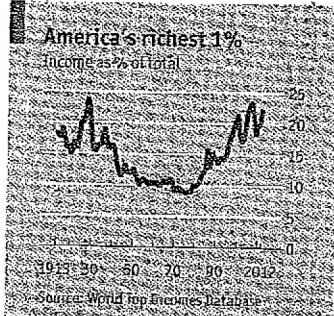


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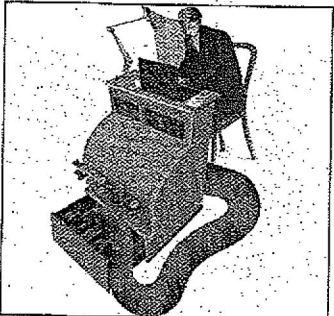


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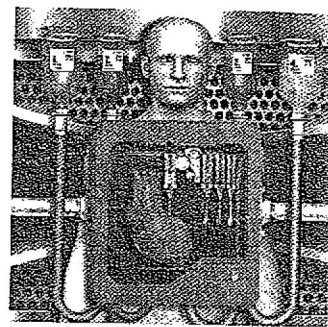
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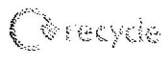
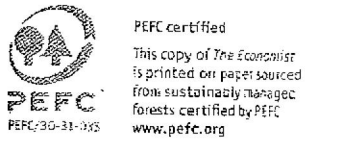
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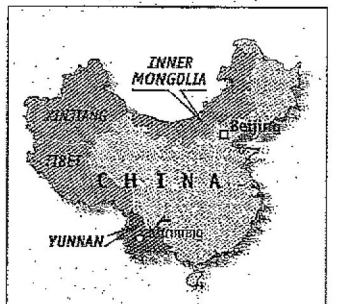
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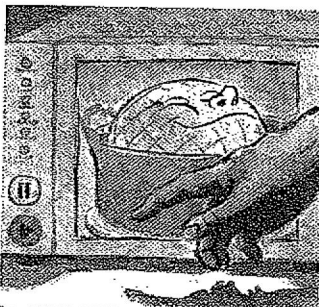
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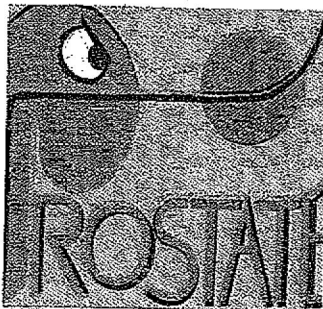
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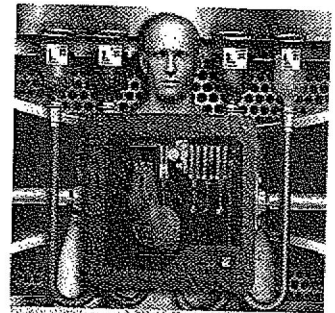
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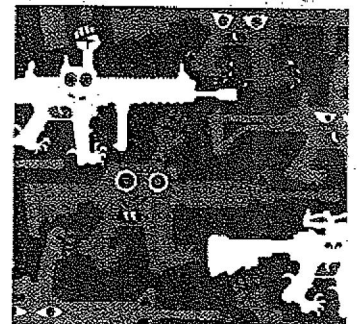
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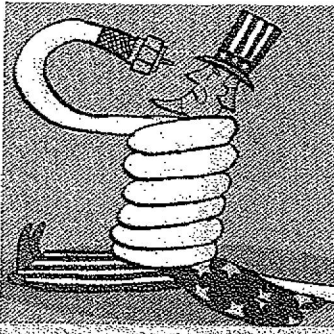
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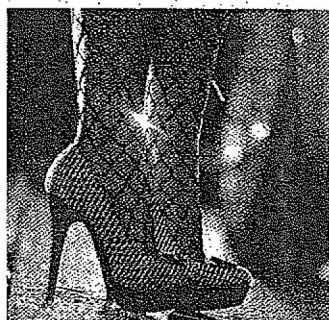
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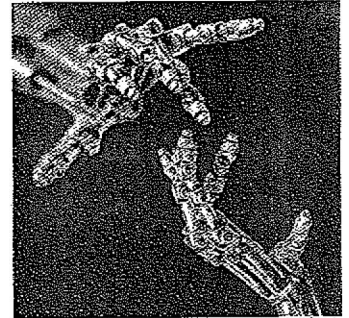
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Next week
We publish a special report on robots, which offer a unique insight into what people want from technology. That makes their progress peculiarly fascinating, says Oliver Morton

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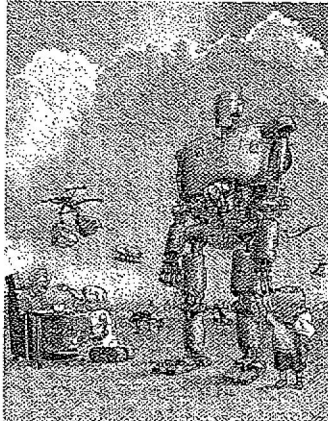
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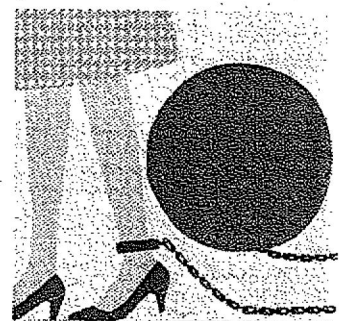
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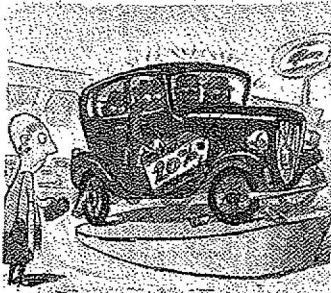
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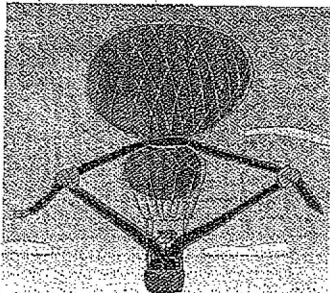


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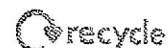
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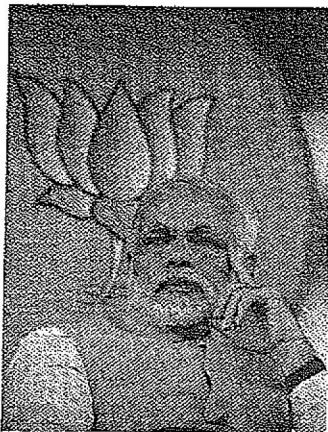
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On the cover
Narendra Modi will probably become India's next prime minister. That does not mean he should be leader, page 9. Rapid social change and assertive voters will improve India's democracy, pages 21-23. Our obituary of Khushwant Singh, India's pre-eminent gadfly, page 82. Delhi's battle with rubbish, page 50

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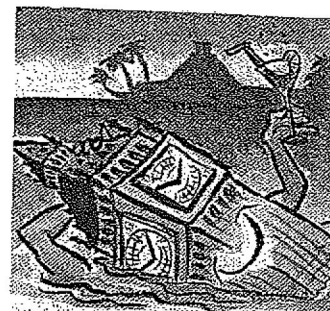
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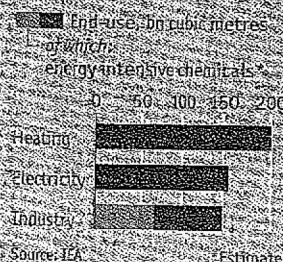


Britain's idle Parliament The legislature has stopped doing things, so it might as well start undoing things: leader, page 12. Over a year before the general election, Westminster MPs have already clocked off, page 33



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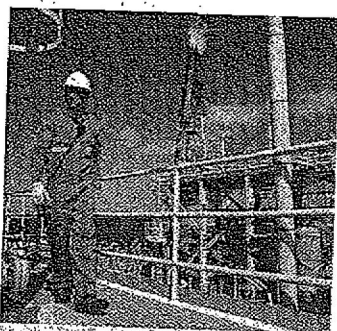
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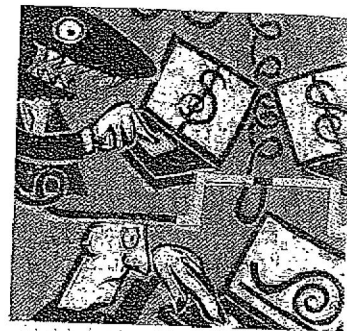
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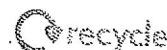
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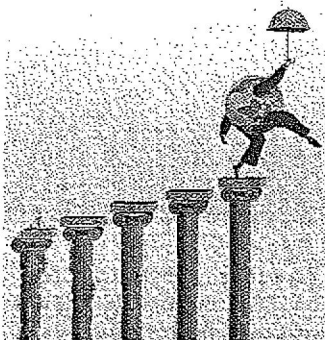
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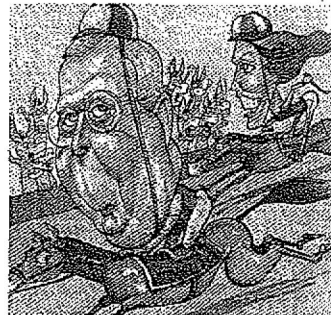
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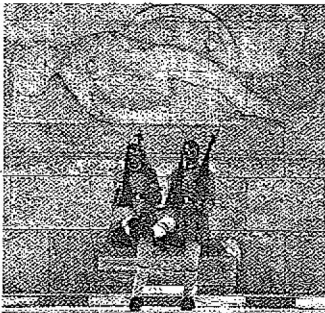
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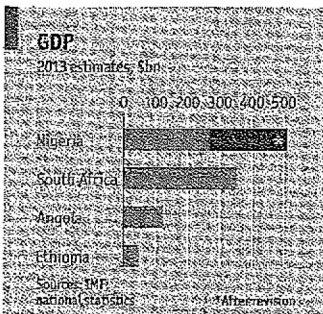
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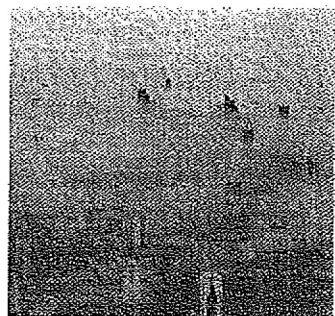
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*"No nation was ever ruined by trade,
even seemingly the most disadvantageous"*
Benjamin Franklin



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En el actual contexto de crisis, las exportaciones han jugado un papel clave, compensando gran parte de la debilidad de la demanda interna. En este número, trataremos las estadísticas relativas al Sector Exterior, analizando las estadísticas proporcionadas por dos de las principales fuentes de información para el análisis de las transacciones con el exterior, el Instituto Nacional de Estadística y el Ministerio de Economía y Competitividad.

Entrevistamos a José M^a Álvarez del Manzano, Presidente de la Junta Rectora de IFEMA, sobre la promoción de las empresas españolas en el exterior y sus valores diferenciales a la hora de competir en los mercados globales.

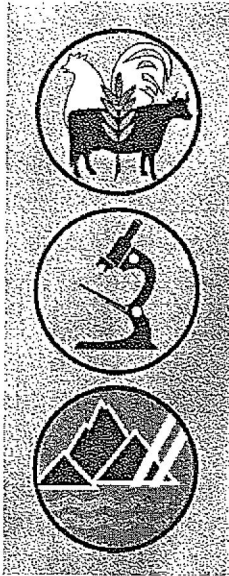
Comenzando con las estadísticas elaboradas por el Instituto Nacional de Estadística, Adela Recio y Sixto Muriel nos detallan en su artículo cómo se describe y analiza el sector "resto del mundo" en la Contabilidad Nacional de España y qué fuentes estadísticas se utilizan para la estimación de las distintas cuentas. Rafaela Mayo y José Antonio Isanta recogen en su artículo la metodología de la Encuesta de Comercio Internacional de Servicios y del Índice de Comercio Exterior de Servicios, que también elabora el INE.

A continuación, pasaremos a detallar las estadísticas elaboradas por la S.G. de Evaluación de Instrumentos de Política Comercial de la Secretaría de Estado de Comercio, comenzando por el artículo de Irene Dede sobre la Encuesta de Coyuntura de la Exportación y del ISAE como indicador adelantado de la actividad exportadora.

También entrevistamos en este número a Jaime García-Legaz, Secretario de Estado de Comercio, que nos explica las características y la evolución de las empresas exportadoras y las medidas del Gobierno para incentivar la internacionalización.

En los siguientes artículos, Mariano Ucelay y M^a Isabel Gómez, nos describen el proceso de publicación de los datos de comercio de mercancías en los informes mensuales y trimestrales. Por último, María Novás nos explica la metodología de los Índices de Tendencia de la Competitividad.

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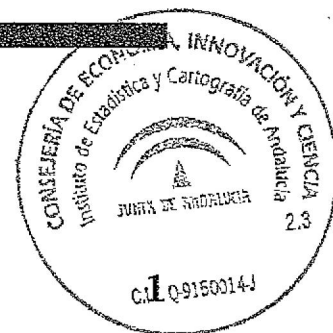
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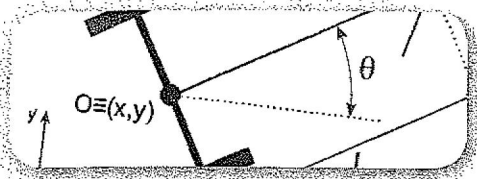
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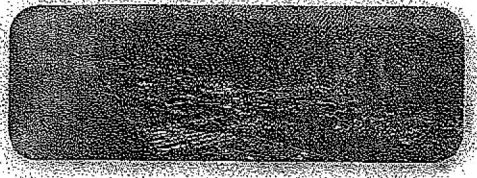
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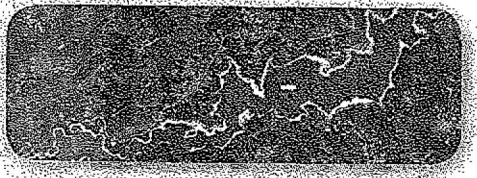
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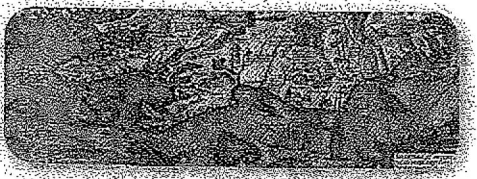
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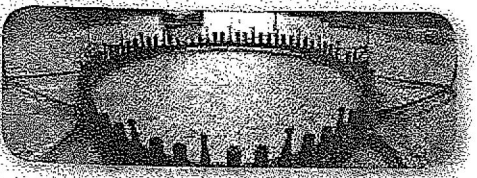
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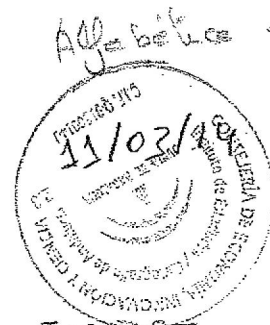
Editorial

I am delighted to welcome Professor Helen MacGillivray as joint editor of Teaching Statistics. The journal was set up by Peter Brooks as a resource for teachers of pupils in the age range 9 to 19 years; although it may be less natural for school teachers to share their best practice via peer reviewed journals, our goal is to continue to attract practical classroom inspiration from this source as well as to maintain the rigour that we enjoy from many university-based teachers. Submissions continue to be welcomed online at www.teachingstatisticsonline.org

In this issue that we have, an article by Clare Orlando and Antonio Orlando 'One man's rubbish' that clearly speaks to the lower end of our target age range (as well as having relevance to older learners). We also have an article by Ardith Baker that provides classroom experience of quality control. Maybe it's a sidenote, but statistical process control can be traced back at least to Dodge and Romig (1929). It can be argued that it is a use of statistical decision making that is

somewhat distinct from Neyman-Pearson hypothesis testing. What is certainly clear is that it represents an important workplace statistical endeavour that avoids many of the non-statistical biases that can make secondary data analysis with human subject survey data challenging at all levels.

Amy Wagler and Ron Wagler provide some practical pointers to working with Madagascan Hissing Cockroaches as a means of developing a memorable class to introduce statistical thinking around study design. If that doesn't engage a class, John Braun, Bethany White and Gavin Craig suggest we study fire (albeit simulated fire using *R*) as a means of introducing computer simulations. Developing and testing the predictions made by simulation models is a rather larger area of science than implied by some introductory statistics courses. As usual, we conclude with Peter Petocz and Eric Sowe's statistical diversions column.



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