

Zeitschrift: Swiss express : the Swiss Railways Society journal
Herausgeber: Swiss Railways Society
Band: 5 (1997-1999)
Heft: 12

Rubrik: The classified section

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 04.04.2026

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

From: Bob Whiteley - Penwortham

Tilting Trains

George Hoekstra's informative piece on the improvements to the Zürich-Lausanne routes seems to suggest there is something unnatural about a tilting train. When we run or skate or cycle or travel by air we always bank at the proper angle at which the balance canals in our ears tell us we are straight up. All trains tilt round bends but the angle is fixed by PW folk and is only correct for one particular speed so tilting trains offer a wider range of speed. However a 40% increase of speed implies doubling the tilt and that in only 70% of the time so there is a greater likelihood of motion sickness. As long as you are looking out of the window in daylight there is no discomfort but when there is no view those of us prone to the problem have to shut our eyes and let our balance organ paint the picture for us. Is it enough to close the eyes just during changing curvature (ie during transitions)? His mention of a calculated zero line above which the balance canals must not rise, could indicate a new understanding in the field but I wonder if it is a marketing myth raised by a tilt-train manufacturer's sales department? Probably it's a matter of getting used to it so the sooner we have lots of speedier trains in service on curvy routes the better.

THE CLASSIFIED SECTION

For Sale

Swiss H0 & Z - Märklin & Liliput.

Henrik Christensen - 01202 533175 / eMail - henrik@christensendental.freemove.co.uk

H0m - Bemo & STL - Mike Smith - 0181 449 7078

Bemo spares & stock. Also assorted continental. - Les Mitchell - 01703 905975

Lima HO Models. 201660G - DB dark green shunter 169002-3, £30. 303102 - PTT dark green goods - £10. Brand new, still in boxes. Will post. 01253 790502

Kitmaster Crocodile OO gauge (yes, that's right!!). Built up, unpainted, unboxed.

Offers to - Stephen Greenfield - 01539-725494 / eMail - swgreenfield@clara.co.uk

Surplus BEMO models in my collection, all boxed and mostly mint. Also ROCO green SBB Croc., used and in good condition-A\$220. LGB Philips video set 387.7030 (made 1984), mint-\$A770. Please fax : (02) 9988-3940 or telephone (02) 9449-1685 for list. European members should contact the editor at the editorial office either by fax or email. Credit Cards can be accepted

Requests for help

Information on Swiss loco and coach classification systems required from a member who lives a long way from Switzerland! Any websites and/or books that will help particularly welcome. Ron Thomson, PO Box 1901, VRYHEID 3100, Kwa - Zulu Natal, South Africa
eMail - rtlq@dorea.co.za

Tigerli E3/3 - 8451-8533. Details/drawings or photos of cab interior, valve gear and clack valves required for construction of O Gauge model. J Randell - 01772 862020