

Technical Editing

Price list and sample: technical report

Technical editing

Errors marked	6 Yen per word	or
Errors detailed	8 Yen per word	or
Errors corrected <i>in situ</i>	8 Yen per word	or
Document rewritten	12 Yen per word.	
Document drafted from notes	14 Yen per word.	
Word count	word processor "word count" used	
Equations	not edited	
Payment	bank deposit	contact us for details
Contact, English only	technicalEditing@actuallyPrettyGood.com	

Errors marked

Maglev has many merits in introducing urban transport in Japan, for example, low noise, comfortable riding, high performances of acceleration and etc. However, in comparison with other conventional urban transports, it is difficult to clarify and determine merits quantitatively because there are many competitive items. Therefore, in this paper, we express simulation and evaluation method for comparing with several urban transportation systems through calculating running data and evaluation items. Through this method, we can extract merits of Maglev quantitatively for introducing in Japan. For this purpose, we developed new simulation method for calculating several evaluation items. This simulator realizes the several transportation systems can run on the road map set for appropriate route in accordance with each performance. By this simulator, each transportation system runs on the estimated route and we can see the real speed of train and energy consumption at the time simultaneously on the monitor. Through these simulations, we can evaluate several items for examples, running time and energy consumption quantitatively on the supposed route. By this, we can find and prove the merits quantitatively for introducing urban Maglev in Japan. Especially, we need the clear reasons for choosing new transportation systems in Japan because there are several transportation systems in several areas. Therefore, these quantitative evaluation data can make good help to realize urban Maglev system. In fact, as the result of competition among several transportation systems through this simulation, HSST was chosen and will start revenue service at the north-east side of Nagoya in 2005. This result shows the usefulness of this simulation.

Avoid embarrassment in this important, evaluative, domain.

Errors marked

6 Yen per word

Errors detailed

note: initial sentence arranged incorrectly
to: "for example" (or, better, delete it.)

to: "determine these merits"
better: "structurally unrelated items"
to: "Thus" ('Therefore' implies logical imperturbability)
to: "we discuss a simulation and evaluation methodology"
to: "comparing several"
to: "through the calculation of"
to: "Utilizing this methodology"
to: "we can quantitatively specify some of the benefits following from
the introduction of Maglev Transportation systems into Japan"
to: 'developed a new simulation method to study these systems'

to: "systems that can run on the road map specifying"
to: "route and performance"
to: "In these simulations"
to: "runs its intended"
to: "while, simultaneously, each train's speed and energy
consumption are monitored"
to: "items, studying the"
to: "quantitatively over the"
to: "As a result , we can now identify and quantify"
to: "some of the benefit to arise upon the introduction of Urban
Maglev systems into Japan"
to: "need clear reasons for the choice of any"
to: "as there are"
to: "these results can assist in the planning of urban"
better: From : "In fact ... HSST "
To: "For example, after several transport systems were
simulated and evaluated, the HSST..."

Document rewritten

Magnetic Levitation (Maglev) urban transportation systems have delivered many benefits upon their introduction into Japan: low noise, increased comfort, high acceleration performance, and more. However, in the past, it has proven difficult to quantitatively specify these advantages, if only due the many factors that need to be simultaneously considered. In this paper we discuss the development of our new simulation framework, including an evaluation methodology, and this framework's subsequent application to the evaluation of several competing Japanese urban transport modes. Upon its application this new approach led to the quantitative identification of the comparative benefits of a Maglev transport technology.

Our new simulation allowed for several transport systems to run on the underlying road map, while selecting the optimal layout for each mode based on its individual performance characteristics. Full monitoring and data recording was undertaken, delivering both real-time and off-line measures of relative performances. The result was a quantitative demonstration of the comparative advantage of the Maglev based system.

Clear justifications are required for any new Japanese transport system, thus results of this type are of a great importance when considering network developments. As an example, after several transport options were simulated and evaluated within our simulation framework, a Maglev system, the HSST, was selected and will soon, during 2006, start its revenue generating service on the north-east side of Nagoya.