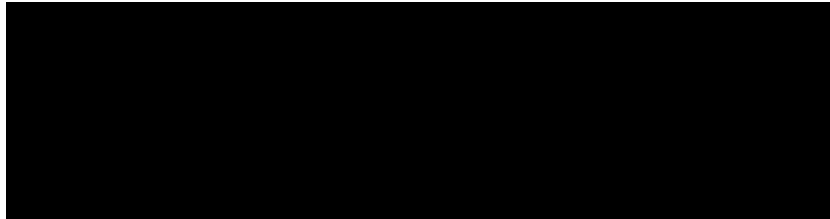


Michael Schrader - Fwd: Fw: Unique bridges

Date: 6/4/2009 9:08:33 AM
Subject: Fwd: Fw: Unique bridges

Not so many that I want to be on, but they are fascinating to look at.



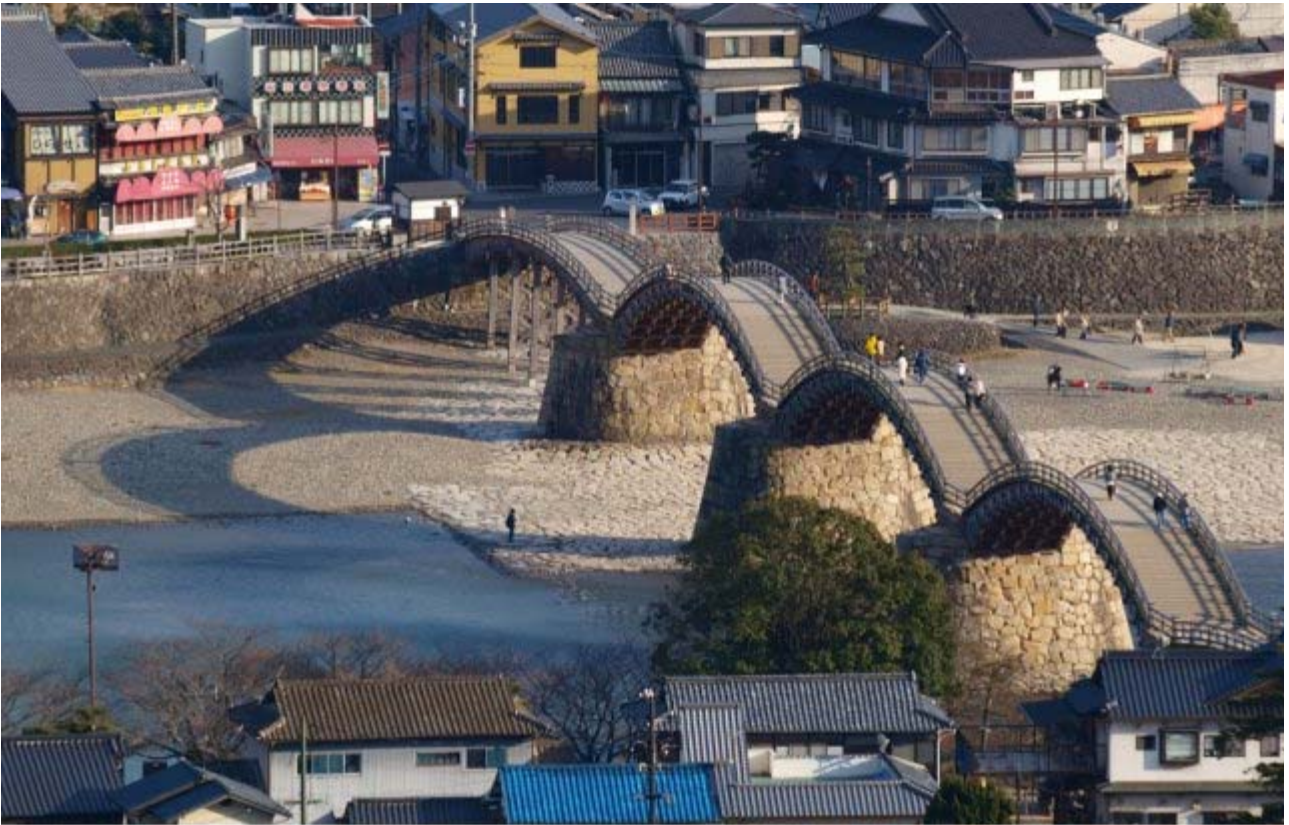
Engineers will understand these bridges. To the rest of us, they are unique, beautiful and utilit are all neat)!! D

[Pedestrian Bridge - Texas](#)



This beautiful arched bridge in Lake Austin was built by Miro Rivera Architects and is used to connect the client's main house to the smaller guest house on the other side of the pond. To make the bridge seem as natural as possible within its surroundings they made the decking and reed-like hand rails imperfect but still structurally sound.

Kintaikyo, Iwakuni , Japan



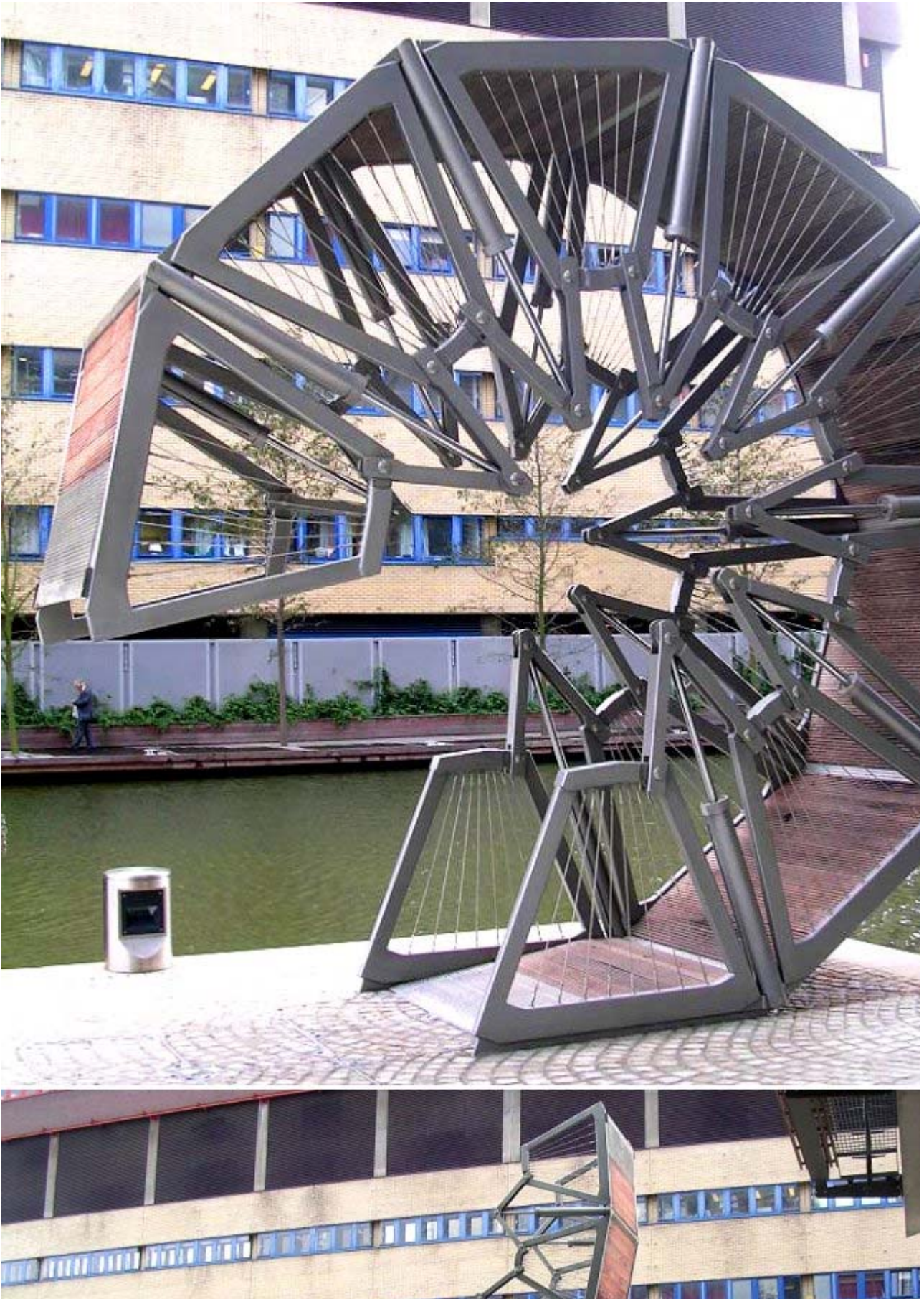
The original Kintai Bridge was built in 1673 but collapsed due to flooding. The rebuilt bridge survived for more than 200 years until 1950. The bridge that stands now over the Nishiki River has five wooden arches displaying an incredible amount of detail and construction. No nails or bolts have been used to build the arches, only clamps and wires.

Juscelino Kubitschek Bridge , Brasilia , Brazil



The JK Bridge in Brasilia is a lesson in elegant bridge design. The three huge diagonal arches over the deck of the bridge give it fluidity.

Rolling Bridge, London , UK



Thomas heatherwick's award-winning rolling bridge is an ingenious addition to the grand union canal system in London and is ur canal bridges, the rolling bridge curls up to form an octagon by way of hydraulic jacks to let ships pass.

Beipanjiang River Railroad Bridge , Guizhou , China



Beipanjiang River Railroad Bridge in Guizhou is an enormous railway bridge that was built as part of the 'Guizhou-Shuibai Railwa mountains over a deep ravine, at its highest point the bridge's deck sits 918 ft above the ground. Parenthetically the bridge in cor poorest areas.

Henderson Waves, Southern Ridges, Singapore



'Henderson Waves' is Singapore 's highest pedestrian bridge and is at the 'Southern Ridges,' a beautiful 9 km (six miles) stretch deck of the bridge is made from thousands of Balau wood slats, perfectly cut and arranged, and along the length of the deck a sr sheltered seating areas on every upward curve.

Pont Gustave Flaubert, Rouen , France



This incredible vertical lift bridge is in Rouen , France , whose spans weigh 1,200 tons each but can be hoisted 180 ft vertically in 15 minutes. The angular lift structures at the top of each tower weigh 450 tons each. The huge vertical lift allows even the largest cruise liners to pass underneath.

Hegigio Gorge Pipeline Bridge , Southern Highlands Province, Papua New Guinea



This bridge supports two pipelines - one gas, the other oil - across the extremely deep gap in Guinea . If this were to be officially recognized as a vehicular or pedestrian bridge it would be the 'world's highest bridge-span' with the pipelines at an impressive height of 1,290 ft above the ground level. By comparison, the current highest bridge span belongs to the Royal Gorge Bridge in Colorado, which is 1,053 ft above ground level.