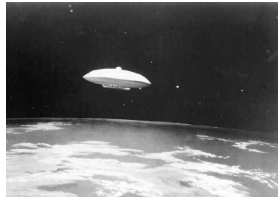


Lost in Hilbert Space
Walter Smith, 10-8-01 (Chords by Marian McKenzie)
(Tune: Theme from “Lost in Space”, third season)

E

Let’s take a rocket ship



E

And blast off upon a trip,

D

A trip not among the stars, but in a stranger place!

C

B

E

A realm where each point means more

E

Than it ever meant before,

D

C

B

A realm with the oddly-thrilling name, Hilbert space!



David Hilbert 1862-1943

E

Oh --- Holy Cow!

A

E

Look out the windshield now!

A

C

The functions flying by!

C

B

Exponentials fill the sky!

\ddot{u}
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 \dot{y} (bridge)
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 \mathfrak{p}



E

Look how the basis vectors

E

Reach out to all the sectors!

D

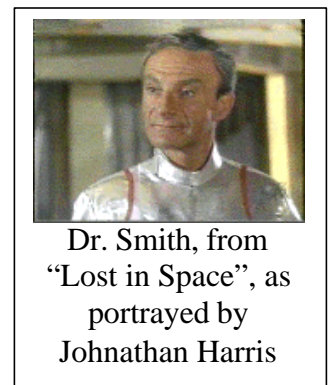
C

B

This is the great achievement of the human race!

E

It’s called Hilbert space!



Dr. Smith, from
 “Lost in Space”, as
 portrayed by
 Johnathan Harris