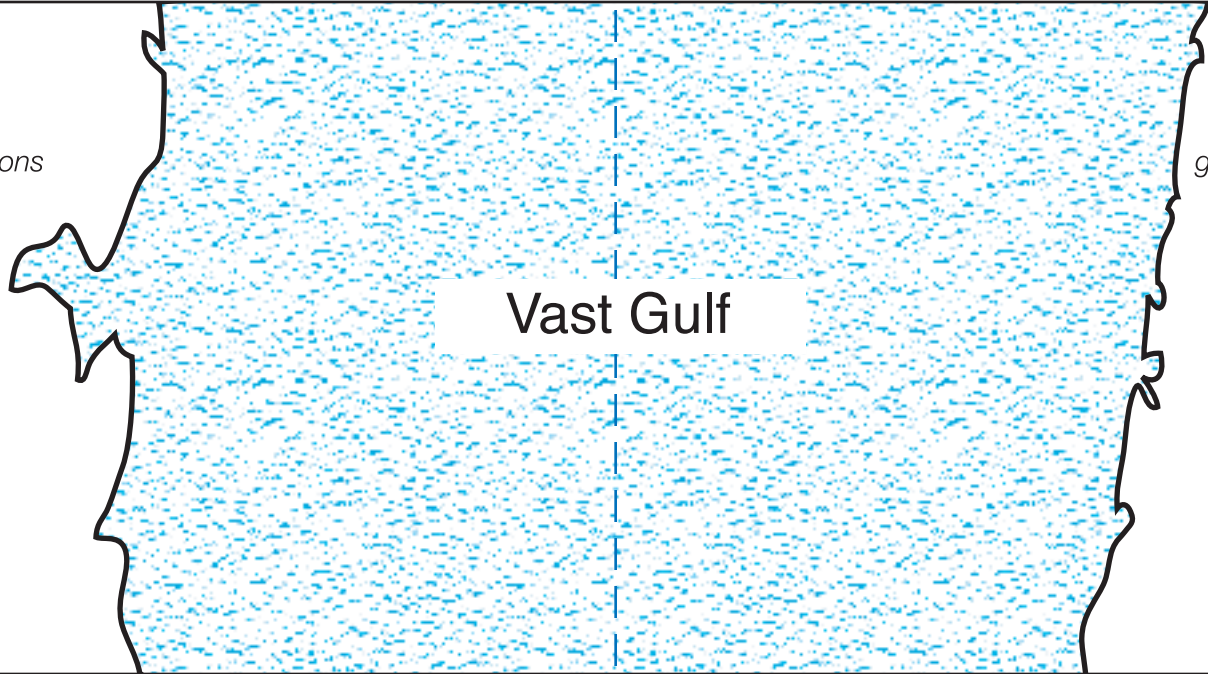


THE STORY OF MY PH.D.

by

Aaron Lauve

April 26, 2005



Algebra A:

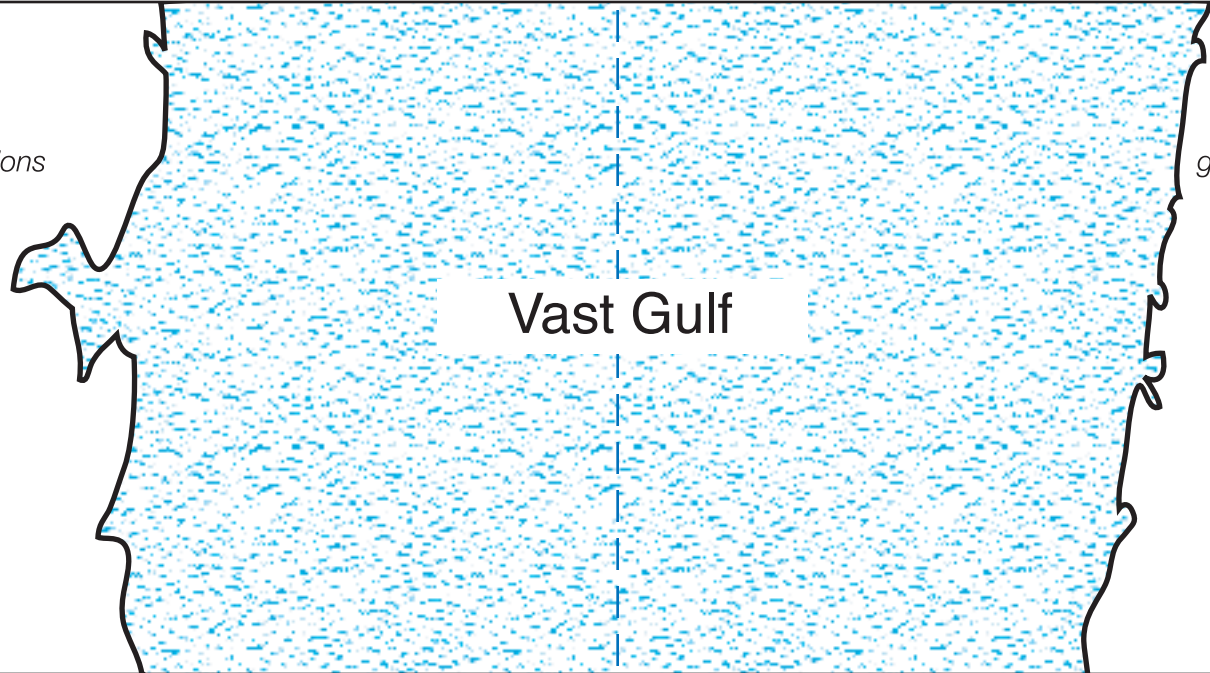
given by generators and relations

Things I can
explain
via
quasideterminants.

Algebra B:

given by generators and relations

The correct
algebra
in the
quantum setting.



Algebra A:

given by generators and relations

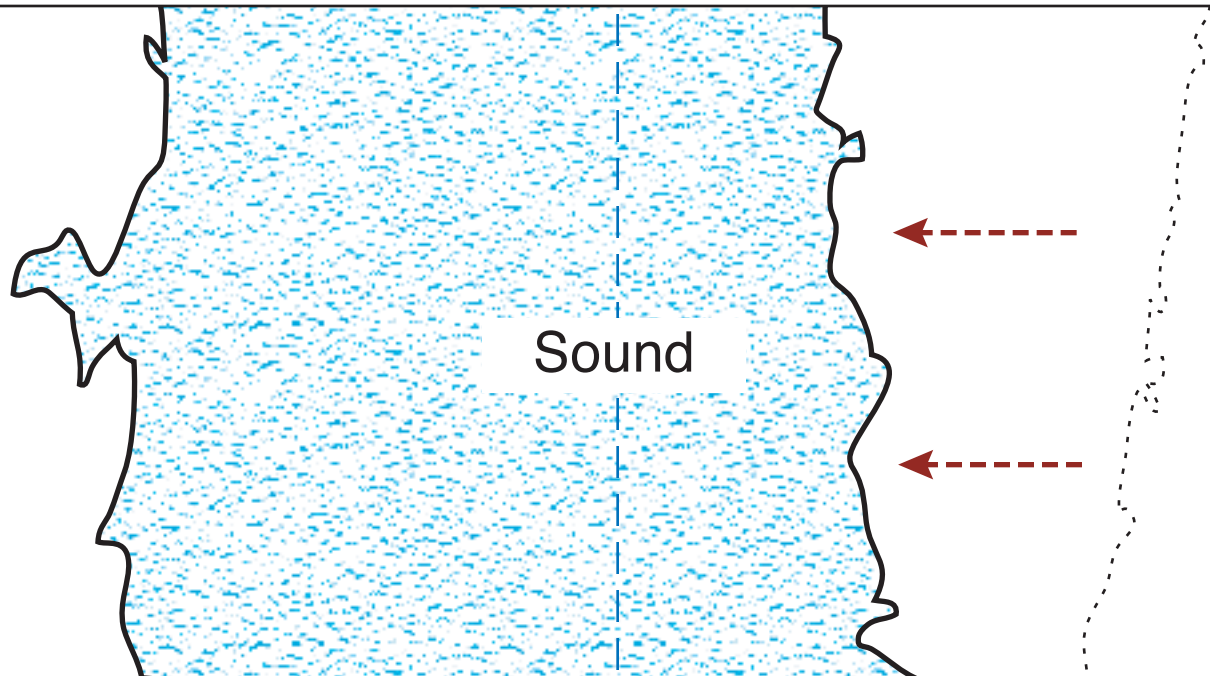
Things I can explain via quasideterminants.

Algebra B:

given by generators and relations

The correct algebra in the quantum setting.

Vast Gulf



Algebra A:

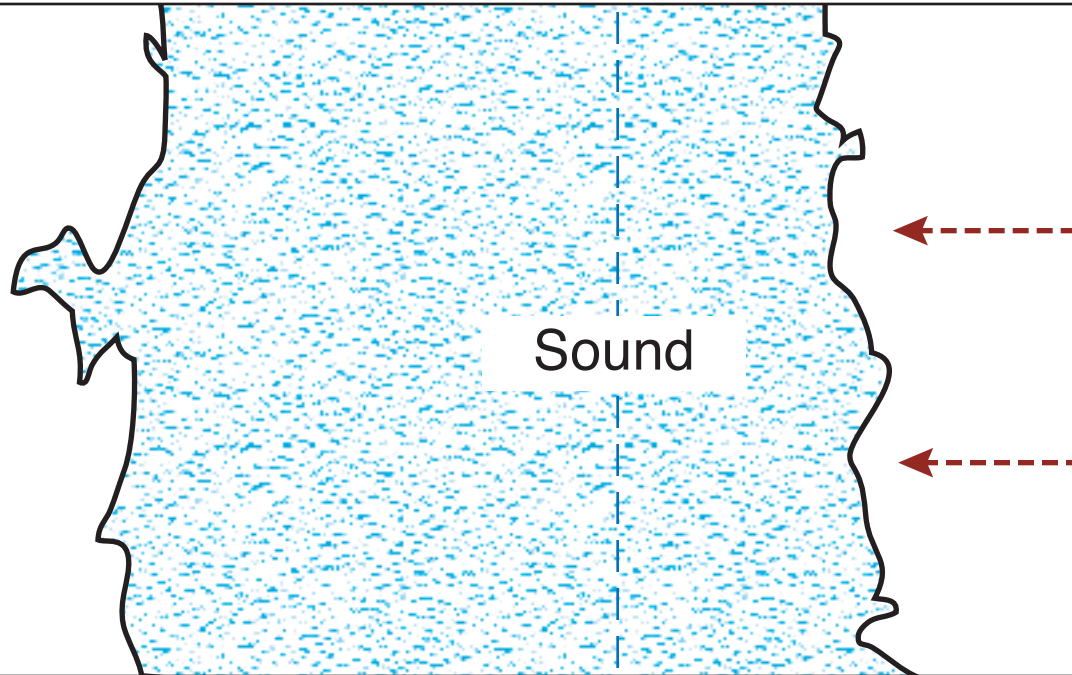
Algebra B:

①

Reduce the number of relations

Sound

Algebra A:

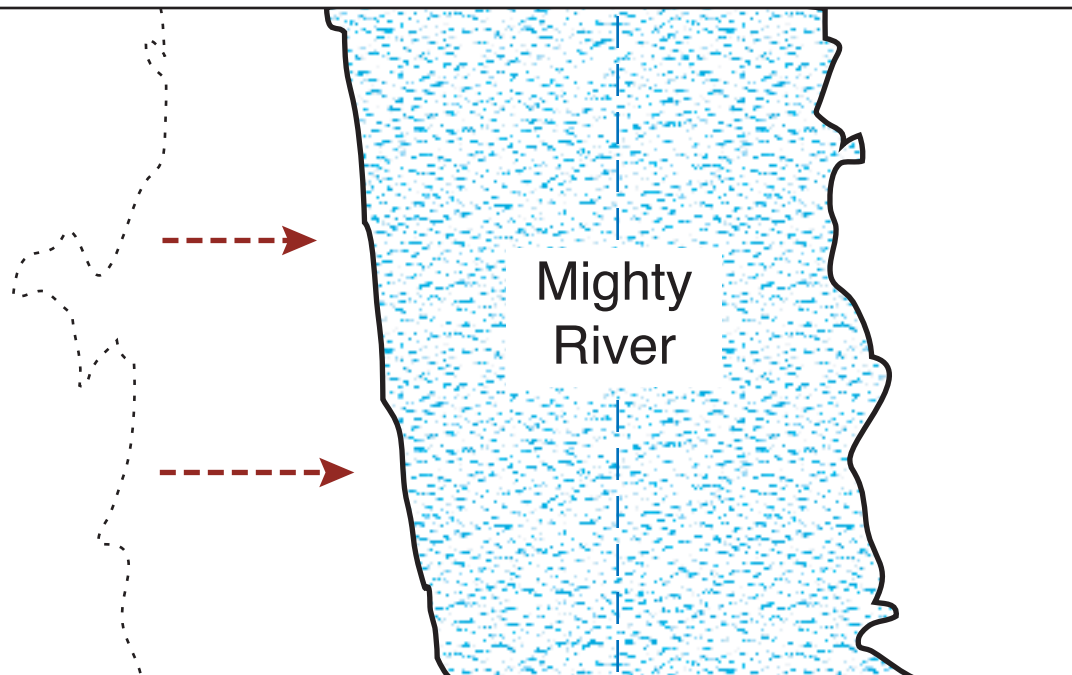


Algebra B:

①
Reduce the
number of relations

Algebra A:

②
Add new
generators and
relations.

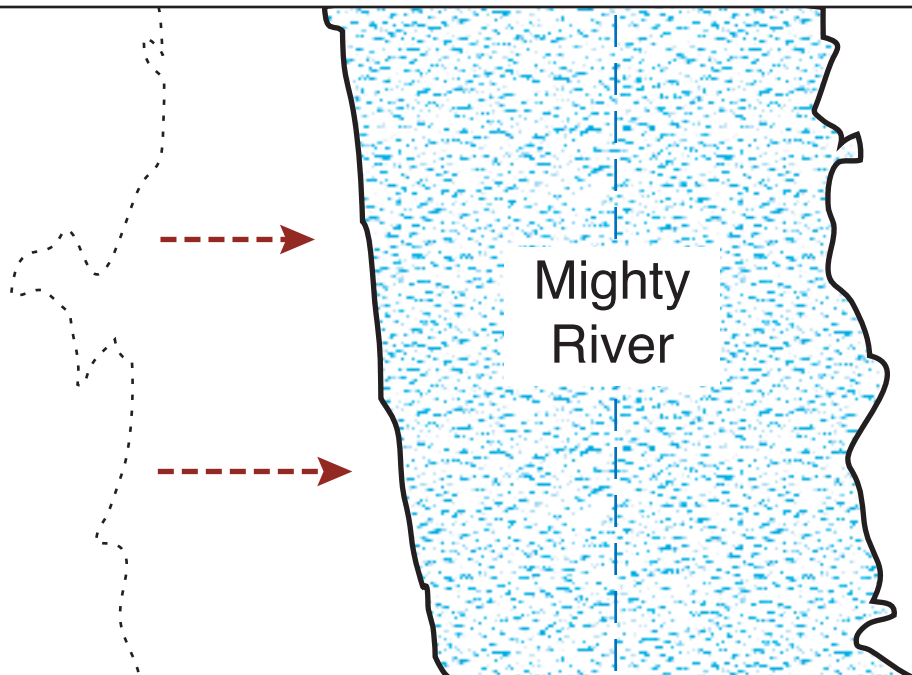


Algebra B:

Algebra A:

②

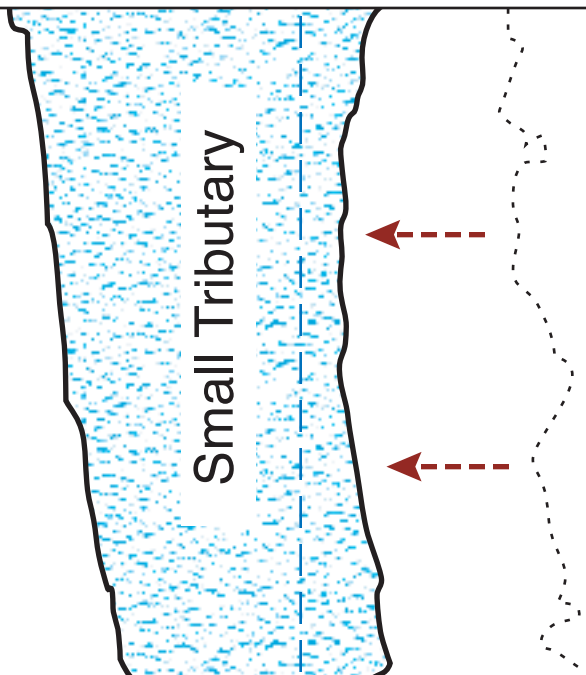
Add new
generators and
relations.



Algebra B:

Algebra A:

Small Tributary

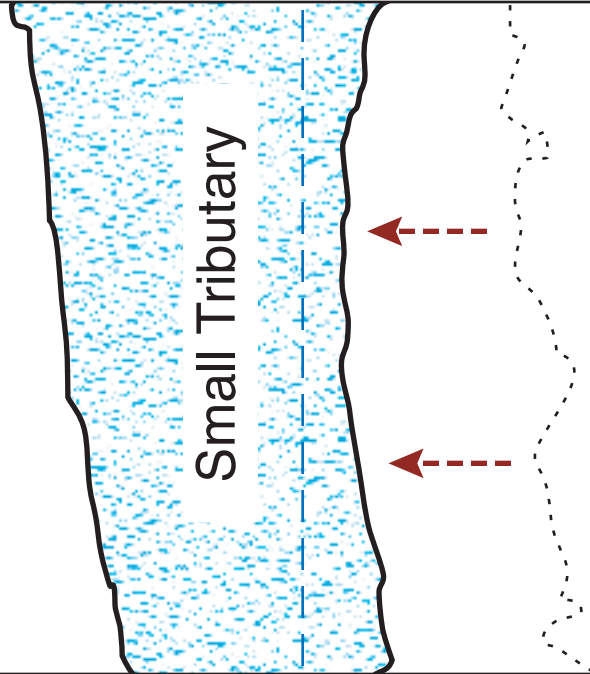


Algebra B:

③

Reduce the
number of relations

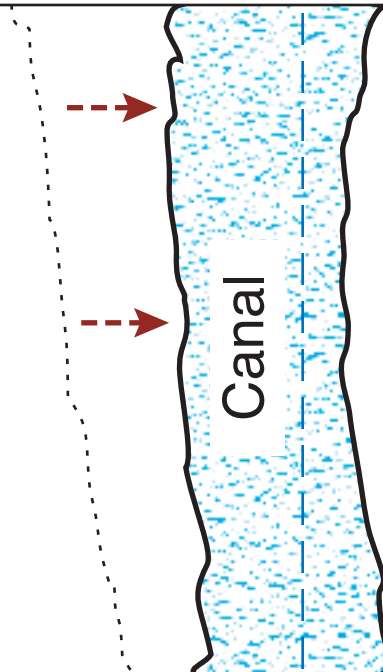
Algebra A:



Algebra B:

③
Reduce the
number of relations

Algebra A:



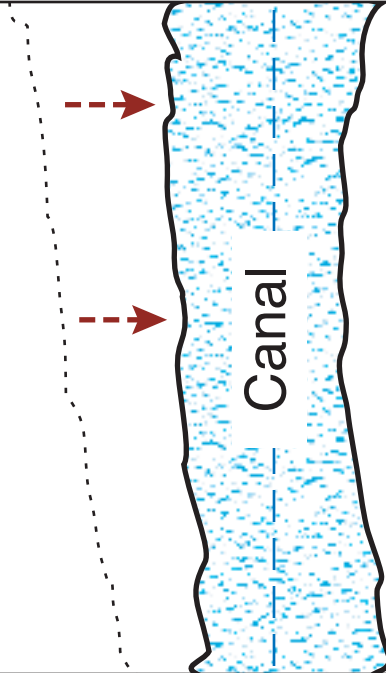
Algebra B:

④
Increase the
number of relations

Algebra A:

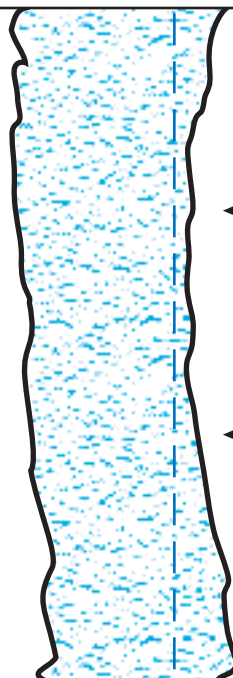
④

Increase the
number of relations



Algebra B:

Algebra A:



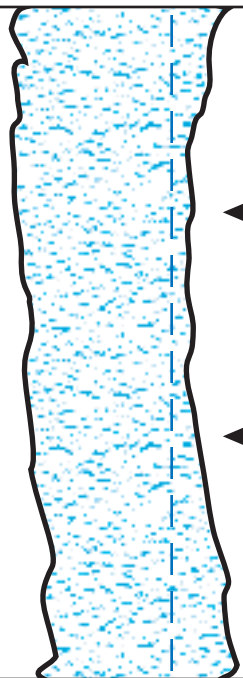
Can we push
any further?



Algebra B:

Algebra A:

Algebra B:

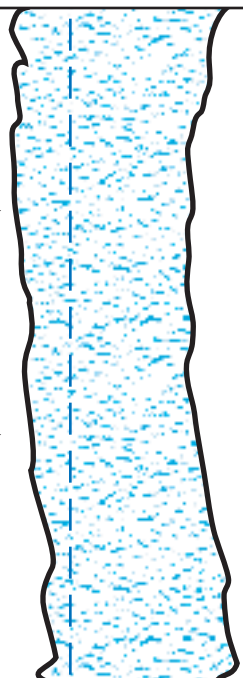


Can we push
any further?



Algebra A:

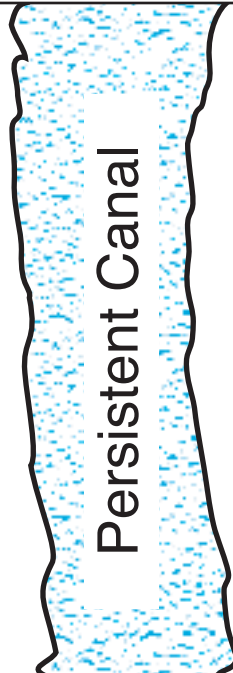
Algebra B:



Can we push
any further?



Algebra A:



Algebra B:

