

All.Net Analyst Report and Newsletter

Welcome to our Analyst Report and Newsletter

Gravity escapes black holes

Anybody who has any interest at all in the cosmos knows that light cannot escape a black hole. That's because the gravity in a black hole is so strong that even even the speed of light is too slow for escape velocity... or some such thing.

But anybody who has been watching also notices that the lensing effect of gravity applies to black holes as well.

So it has long been obvious that gravity escapes a black hole... even though gravity waves only spread at the speed of light.

Oops...

Of course this is somewhat problematic for light escaping and gravity not. But consistency and completeness being what they are...

The Universe and the Big Bang and the Multiverse

Many of us have long been mislabeling the part of the Universe that started at The Big Bang as The Universe. But The Universe is a singular item. If there are multiple things simultaneously occupying the same space or whatever, they are all part of The Universe. One and only one by definition.

We are in a black hole but...

Lately folks who study this stuff have started to look at things like dark matter and started to come to the conclusion that what we see of the Universe is the view from within a Black Hole. And of course we see the rest of The Universe as gravity because gravity ... wait a minute... if we are IN a black hole we should be able to see what's outside it... because light can most certainly enter a black hole...

Gravity spans the expanse

If we want to send a signal out of a black hole, all we need to do is move things around a bit. $E=mc^2$ – change energy into mass and an increase in gravity should result. Convert mass into energy and gravity should reduce. More or less gravity – signal. Enough signal to get past the noise and you communicate across the event horizon. Only gravitational signals can pass...

Or we might just move some heavy things back and forth into different internal positions to generate gravity waves that differ the lensing effect. Or if we had good enough detection on the other side, we might just move a finger and let them watch gravity instead of light.

Conclusions

I am not a physicist or a cosmologist, or for that matter, even a cosmetologist. But I think our science is starting to have problems keeping up with our ability to observe. And since none of the things I have said here are all that clever or astonishing, it makes me wonder about our ability to think and understand the world around us. If our best scientists can miss so much for so long, how much more are the rest of us missing of what's plainly in front of us every day?