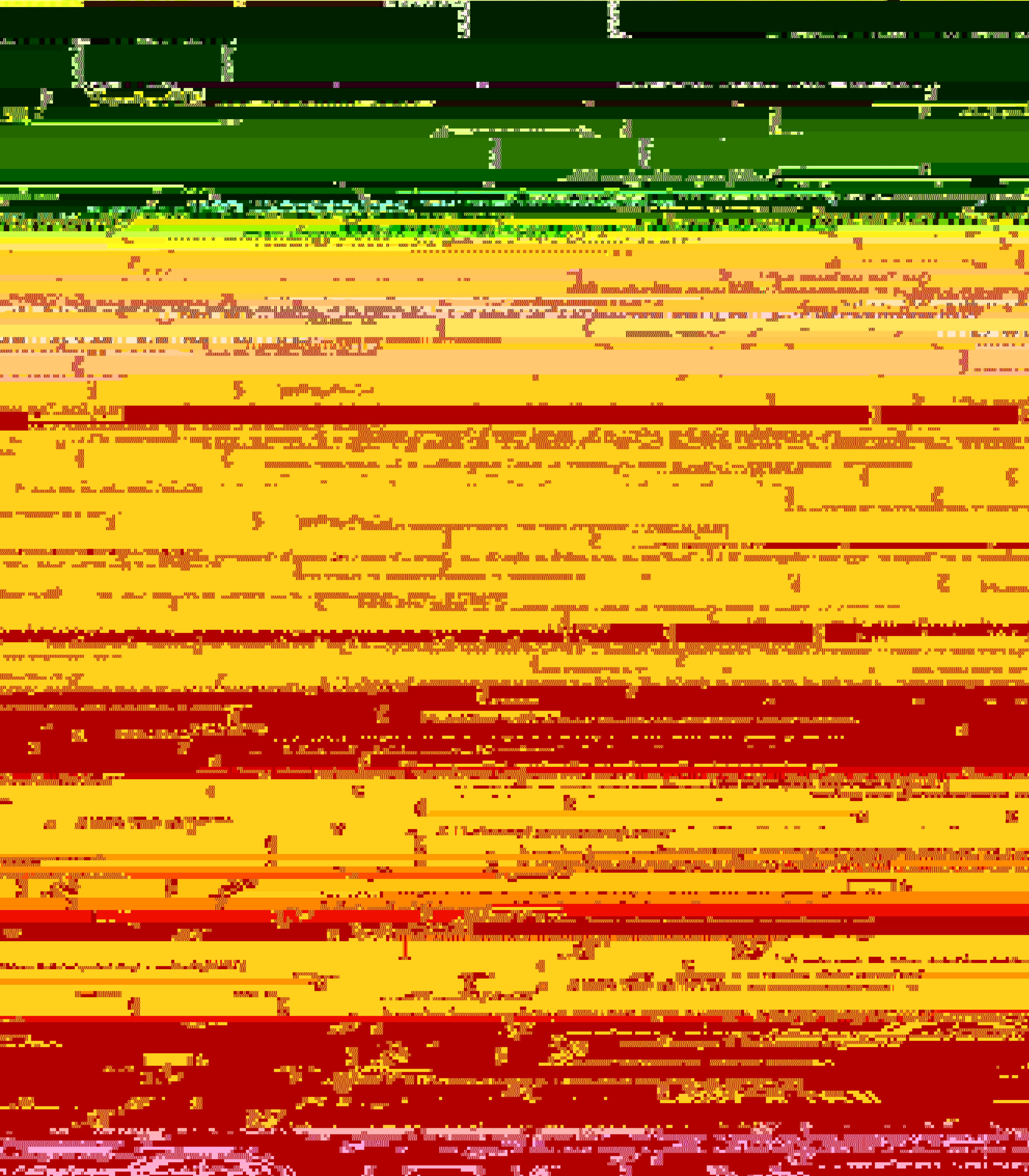
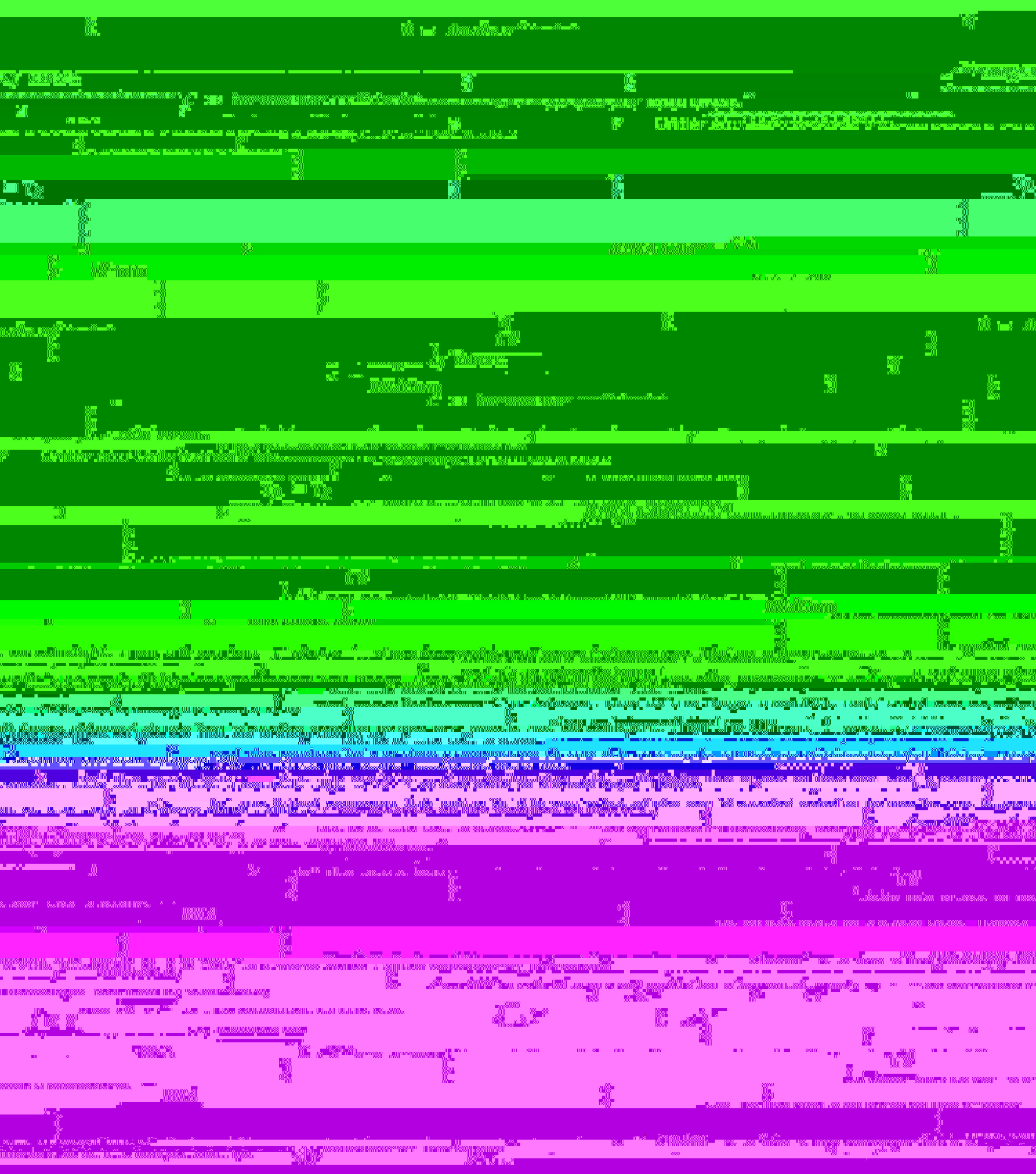
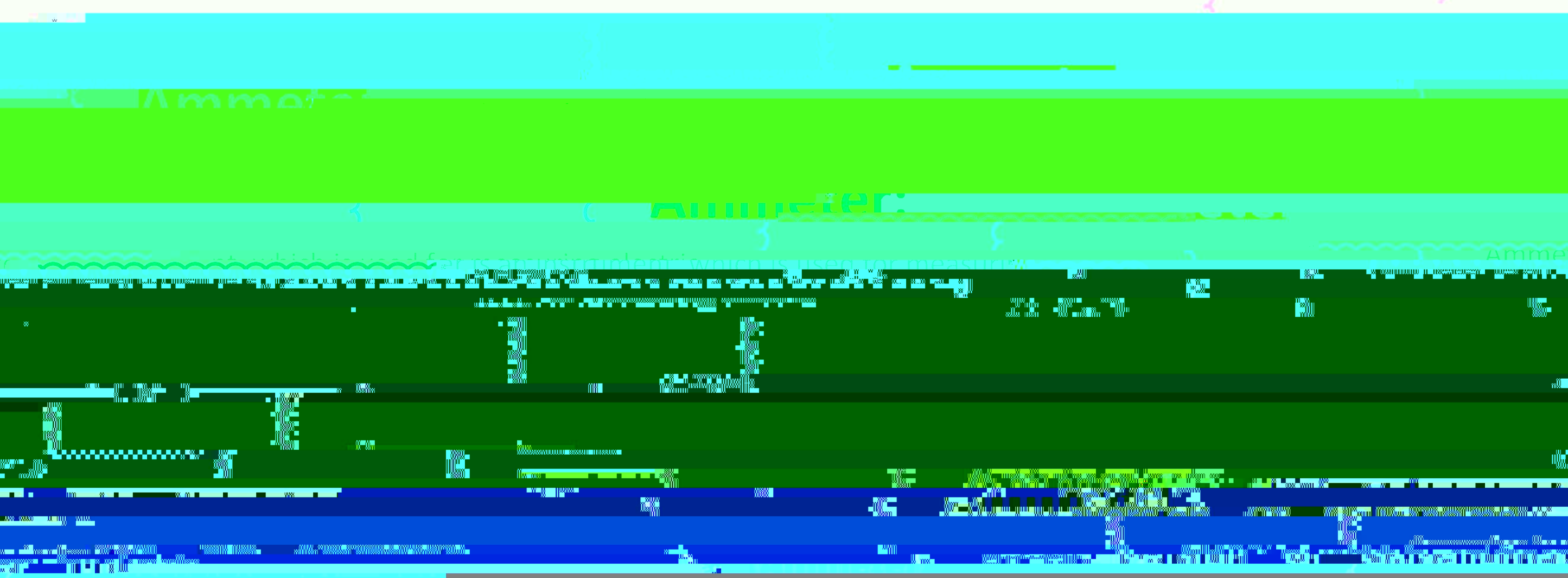


Chapter 15

Chapter 15





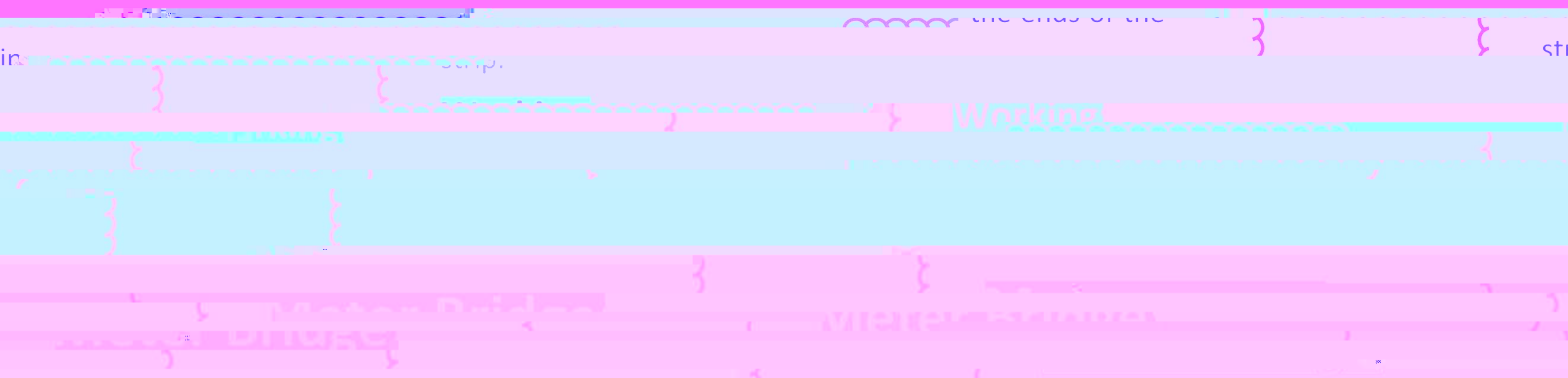




Let $V_B =$ potential of point B } potential of point D }
Then } Therefore,
 $V_{AB} = V_{AD}$ }
But $V = IR$ }



resistance is connected to the ends of the wire.



The meter bridge also called a potentiometer are based on wheat stone principle. A wire bridge is an instrument based on

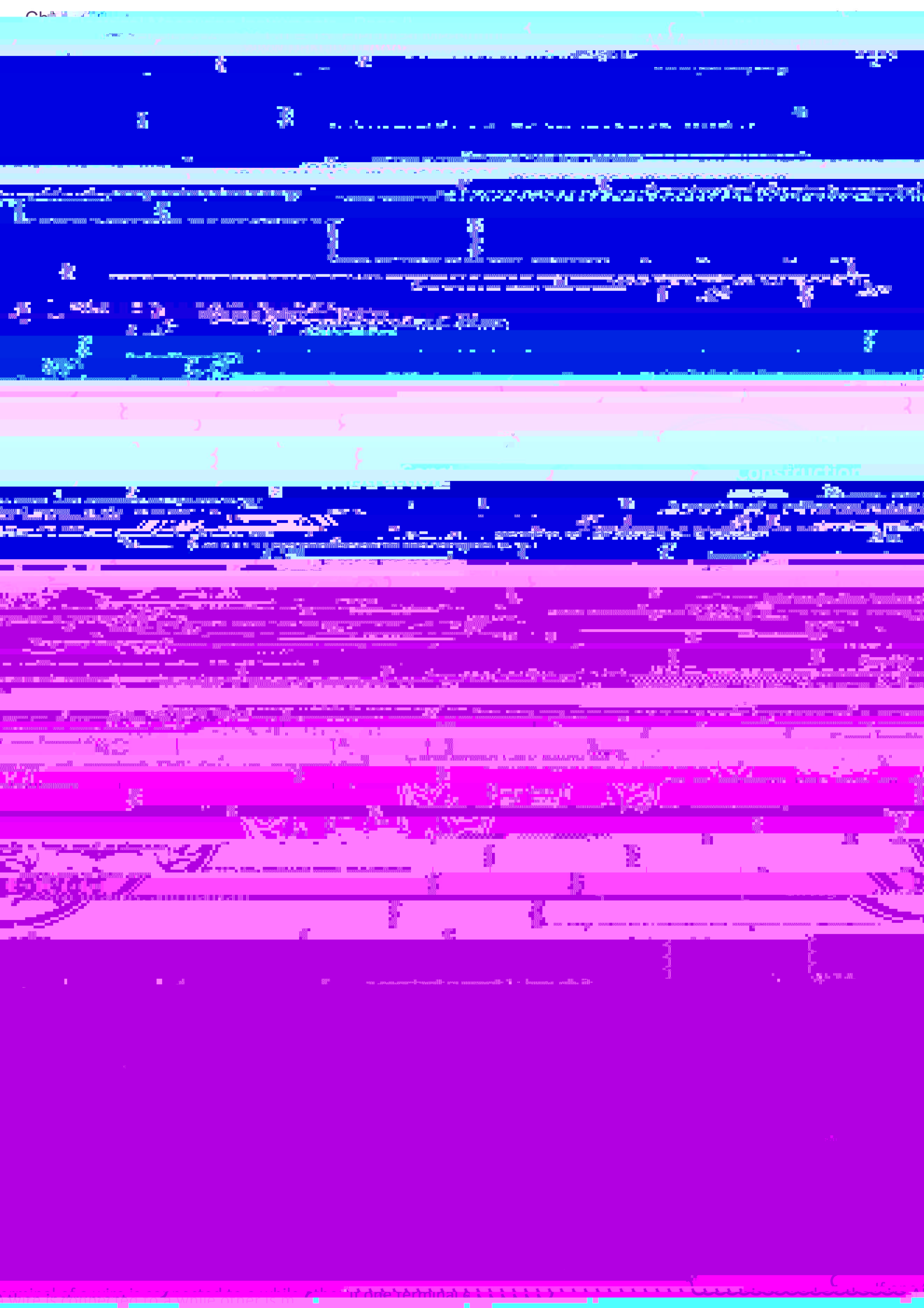


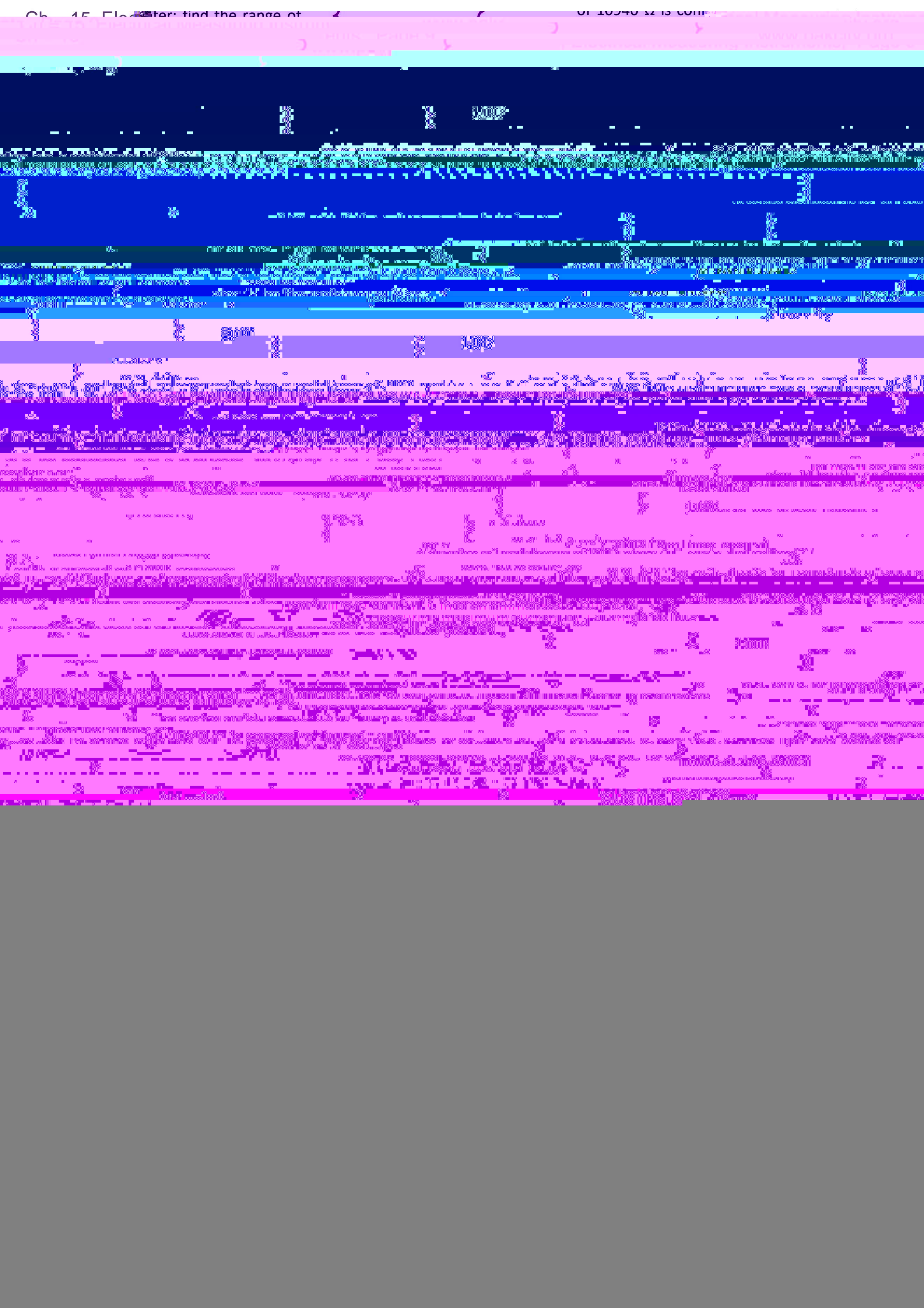
When l is towards R is l then their resistances are l and $100-l$ which two resistances are connected across



to three

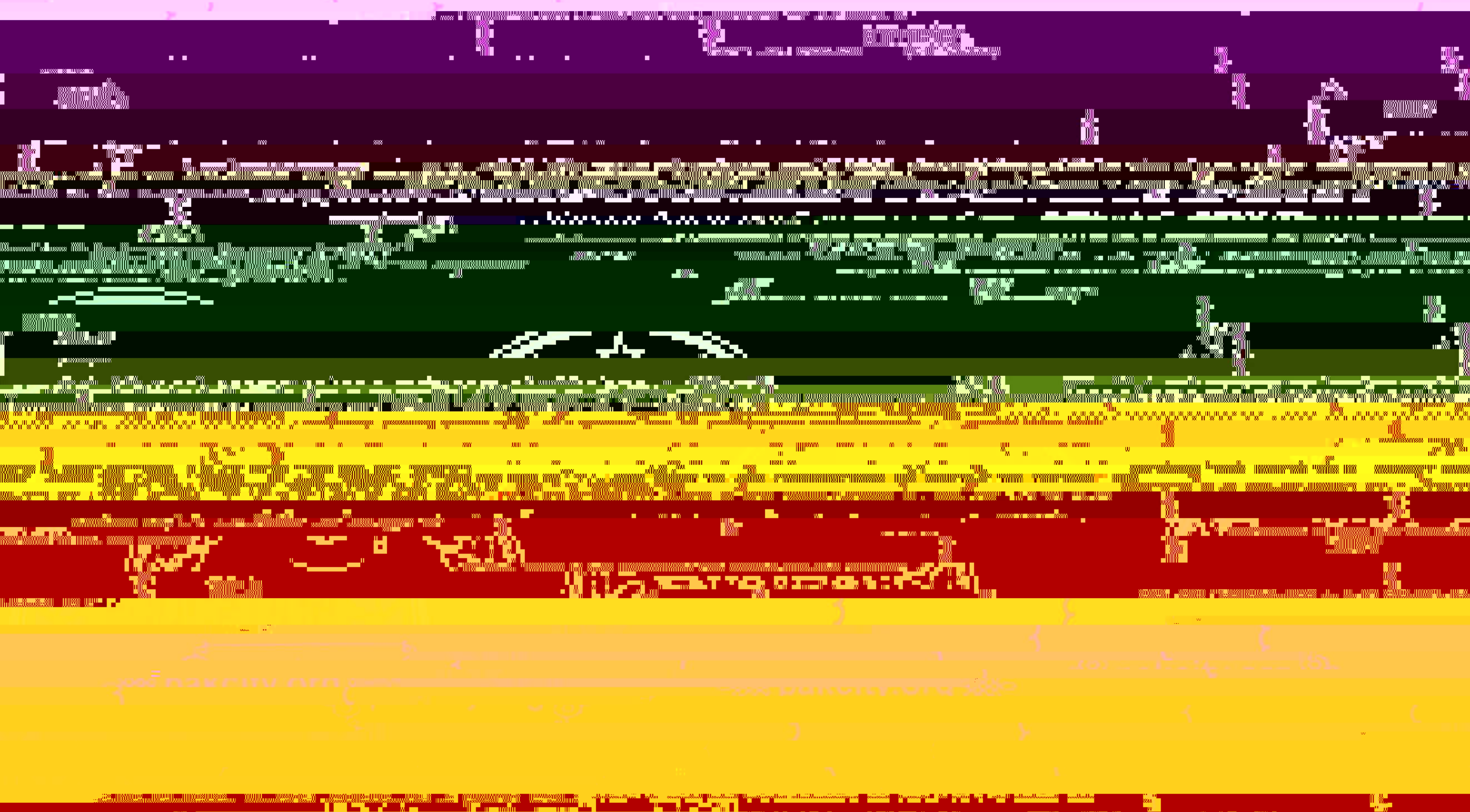
three resistances each $\frac{1}{2} \times 10, 10,$





... across its terminals. It

... with a voltage of 2.5 volts and ... A. A ... An ammeter ... gives full scale deflection with a current of ... A. A ... A galvanometer of resistance of 50 ohms ... gives full scale deflection with a current of ... A.



... age: (24950 12) ... 2012

... shift of 0.05 nm is conn...