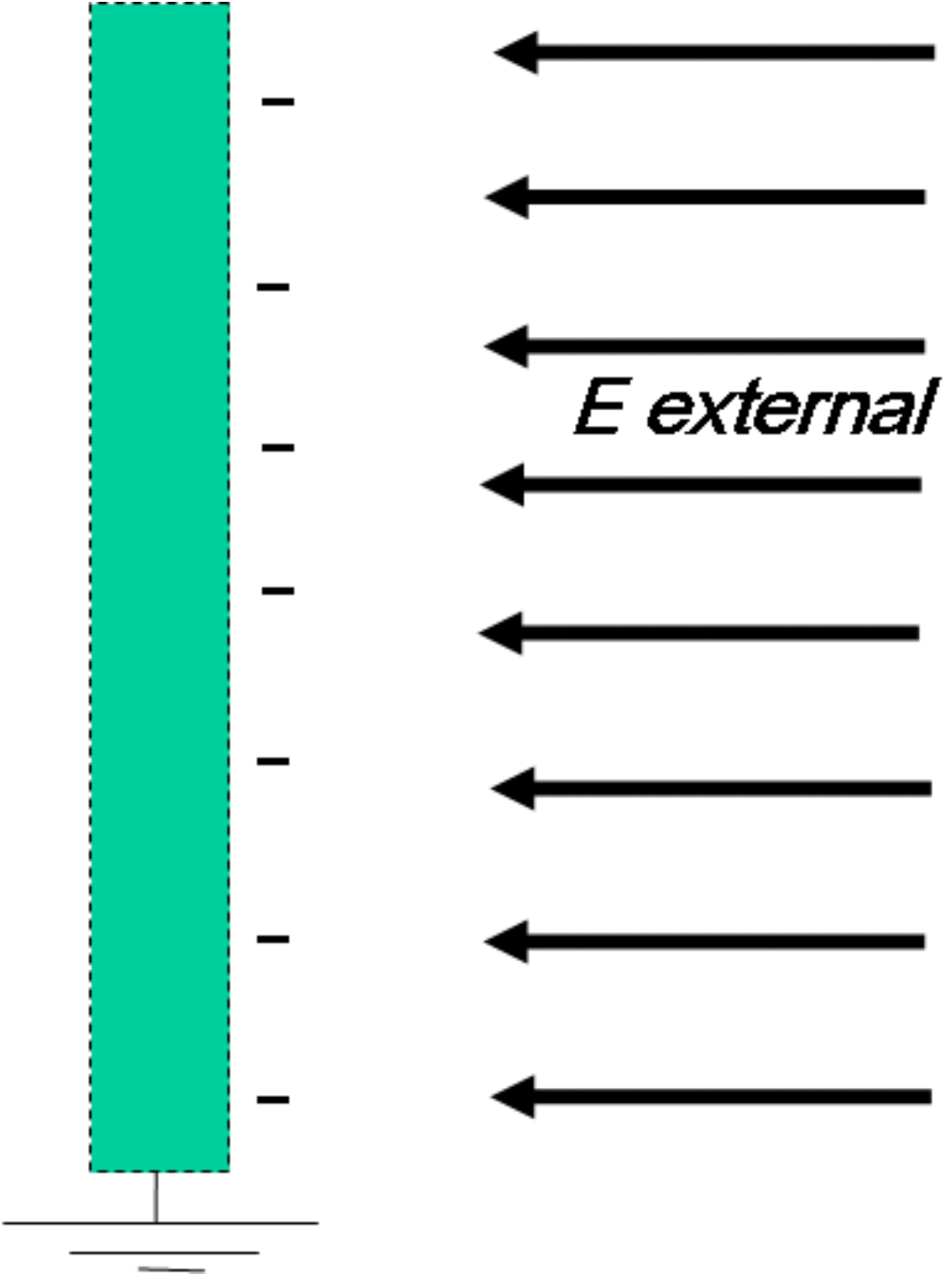
E external