

NEWSLETTER

Issue XXV\_

July . 2017

Submission #1

Pick ~~5~~ A, B, C (MOD 12) (A+B) (B+C) (A+C) (A+B+C) (A+B)-C (A+C)-B (B+C)-A

EVERY NODE NEEDS TO HAVE EQUAL # OF PATHS TO CONTINUE IN THIS WAY... UNLESS YOU USE GETTING "STUCK" AS END OF MOTIF!

- RANDOMLY CHOOSING IS CALLED RANDOM WALKS
- USE AS ANALYSIS FOR EXISTING MELODIES (START WITH EXTERNAL SHAPE AND DRAW IN MELODIES)
- INDICATE NOTES CAN BE REPEATED BY ADDING LITTLE LOOP AT THE NODES.

ADDITIONAL RULES (LIMITING FREQUENCY OF CERTAIN NOTES):  
TIMING? DURATION OF NOTES

• CALLED A GRAPH, PART OF GRAPH THEORY

• COULD MAKE THE RESTRICTION OF USING EACH NOTE ONLY ONCE BEFORE RETURNING TO IT HAMILTONIAN CYCLE

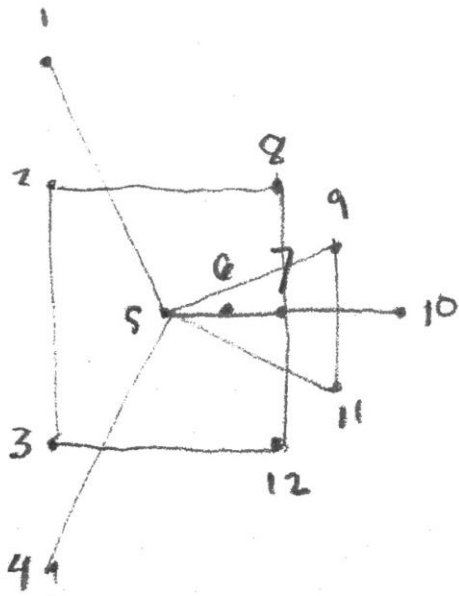
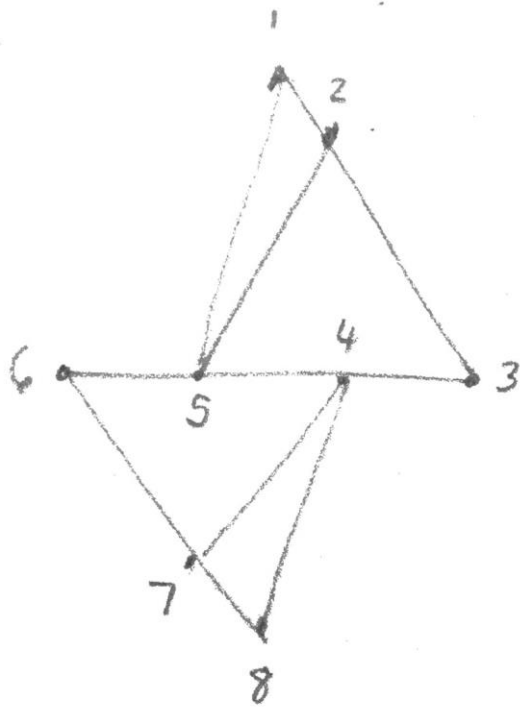
• COULD MAKE RESTRICTION ONLY USING EACH EDGE ONCE BEFORE RETURNING, CALLED EULERIAN CYCLE

CALLS COMBINATORICS...  
MAIN DISTINCTIONS:  
• REPETITIONS ALLOWED OR NOT  
• ORDER MATTERS OR NOT (PERMUTATIONS / COMBINATIONS)  
• FORMULAS AVAILABLE FOR HOW MANY POSSIBILITIES

111	211	311
112	212	312
113	213	313
121	221	321
122	222	322
123	223	323
131	231	331
132	232	332
133	233	333

COMBINATORIAL EXPLOSION! RAPIDLY #S BECOME HUGE, NEED TO KEEP THINGS FAIRLY RESTRICTED

CHANGE RINGING = BELLS, ETC!  
2.6 - 2.9, REFINED COMPOSITION SYSTEM! RINGING INSTRUMENT



## Submission #2

```
var rMT,rHR;$(document).ready(function(){var catTabBody=$('.ab-cat-
body'),downButton='#downVote',upButton='#upVote';getRecords('F');$.ajax({url:'/source/php/co
ntent/app.php?cat',type:"GET",dataType:'json',success:function(data){for(var
i=0;i<data.length;i++){$('.ab-cat-tabs').append('<span class="ab-cat-tab" data-
id="'+data[i].id+'">'+data[i].cat+'</span>');$('#catDD').append('<option
value="'+data[i].id+'">'+data[i].cat+'</option>');}})setTimeout(function(){$('.ab-cat-
tab').click(function(){emptyContent(1);$('body').attr('style','overflow:inherit');$('.ab-nav-b-
submit').removeClass('ab-nav-b-submit-
o');checkVisible('.overlay','hide','slidedTop');if($(window).width()<767){$('.ab-cat-
tabs').toggleClass('catHide').toggleClass('slidecatTop');}$('.ab-cat-
body').addClass('pullUp');$('.ab-cat-body').attr('data-
content',true);tabID=$(this).data('id');setTimeout(function(){$('.ab-cat-
content').fadeIn();getPageRecords(tabID);},400);}},300);if(getUrlParameter('cat')){emptyConte
nt(1);$('body').css('overflow','inherit');$('.ab-cat-
body').addClass('pullUp');setTimeout(function(){$('.ab-cat-
content').fadeIn();getPageRecords(getUrlParameter('cat'));},400);$('.ab-nav-b-
submit').click(function(){$('.ab-nav-b-submit').toggleClass('ab-nav-b-submit-
o');if($(window).width()<768){checkVisible('.ab-cat-
tabs','catHide','slidecatTop');}$('.overlay').toggleClass('hide');setTimeout(function(){$('.overlay').
toggleClass('slidedTop');},200)};$('.ab-tabs-m-button').click(function(){$('.ab-nav-b-
submit').removeClass('ab-nav-b-submit-o');checkVisible('.overlay','hide','slidedTop');$('.ab-cat-
tabs').toggleClass('catHide');setTimeout(function(){$('.ab-cat-tabs').toggleClass('slidecatTop');},
400)};$('#abSubmit').click(function(e){formData=$('#abSub').serialize();var
sourceRaw=runUStrip($('#sourceURL'));e.preventDefault();$.ajax({url:'/source/php/content/sour
ces.php?record='+sourceRaw,type:'GET',dataType:'json',success:function(data){var
sourceName=data[0].name;alert(sourceName);$.ajax({url:'/source/php/content/app.php?save&so
urce='+sourceName,type:'POST',data:formData,success:function(data){$('#abSub').each(function
(){this.reset();});}})};)});$(document.body).on('click',downButton,function(e){dID=$('.ab-
vote').attr('data-
id');$.ajax({url:'/source/php/content/app.php?down&id='+dID,type:'POST',success:function(){$.
ajax({url:'/source/php/content/app.php?return=down&id='+dID,type:'GET',dataType:'json',succe
ss:function(data){$(downButton).html('<i class="fa fa-thumbs-down" aria-
hidden="true"></i>'+data[data.length-
1].down);}})});$(document.body).on('click',upButton,function(e){uID=$('.ab-vote').attr('data-
id');$.ajax({url:'/source/php/content/app.php?up&id='+uID,type:'POST',success:function(){$.aja
x({url:'/source/php/content/app.php?return=up&id='+uID,type:'GET',dataType:'json',success:fun
ction(data){$(upButton).html('<i class="fa fa-thumbs-up" aria-
hidden="true"></i>'+data[data.length-1].up);}})});)});$(document.body).on('click',
downButton+"C",
function(e){dID=$(this).data('id');$.ajax({url:'/source/php/content/app.php?down&id='+dID,type
:'POST',success:function(){$.ajax({url:'/source/php/content/app.php?return=down&id='+dID,type
```

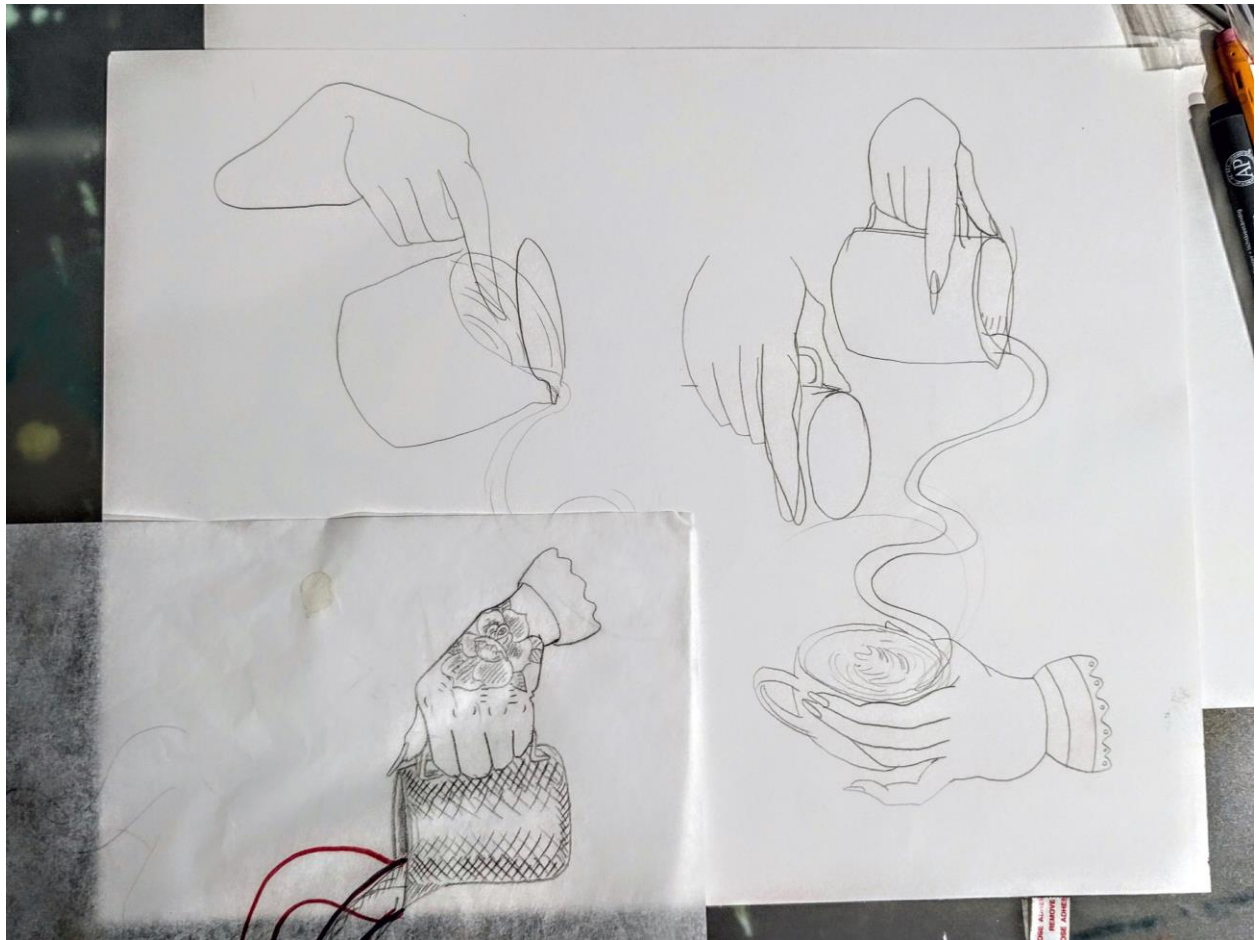
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e:'GET',dataType:'json',success:function(data){$(downButton+'C[data-id="'+dID+'"]').html('<i class="fa fa-thumbs-down" aria-hidden="true"></i>'+data[data.length - 1].down);}})});$(document.body).on('click',upButton+"C",function(e){uID=$(this).data('id');$.ajax({url:'/source/php/content/app.php?up&id='+uID,type:'POST',success:function(){$.ajax({url:'/source/php/content/app.php?return=up&id='+uID,type:'GET',dataType:'json',success:function(data){$(upButton+'C[data-id="'+uID+'"]').html('<i class="fa fa-thumbs-up" aria-hidden="true"></i>'+data[data.length-1].up);}})});if($(window).width()<484){$('.ab-main-logo a').html('aF');}else{$('.ab-main-logo a').html('abFacts');}});function checkVisible(element, hide, selector){if (!$.element.hasClass(hide)){$.element.toggleClass(hide).toggleClass(selector);} }function emptyContent(ident){$('.ab-p-item').hide();$('.ab-item-inner').hide();$('.ab-cat-content').fadeOut();$('h1').empty();$('.ab-hl').hide();$('*[data-pop="'+ident+'"]').empty();}function getRecords(id){var getURL='http://abfacts.loc/get.php?id=';if(id==='F'){var query="; }else{var query='&sort='+id; }$.ajax({url:'/source/php/content/app.php?main'+query,type:"GET",dataType:'json',success:function(data){var dateData=data[data.length-1].date;$('h1').html(data[data.length-1].text);$('.ab-hl-info').prepend('<span class="ab-item-share"><div class="fb-share-button" data-href="'+data[data.length - 1].source+'"' data-layout="button_count" data-size="small" data-mobile-iframe="true"><a class="fb-xfbml-parse-ignore" target="_blank" href="https://www.facebook.com/sharer/sharer.php?u='+getURL+data[data.length - 1].id+'"'><i class="fa fa-facebook-official" aria-hidden="true"></i></a></div></span>');$('.ab-hl-date').html(formatDate(dateData));$('.ab-hl-time').html(formatTime(dateData));$('.ab-hl-source').html('<a href="'+data[data.length - 1].source+'"' target="blank">'+data[data.length - 1].sourcen+'</a>');$('.ab-vote').attr('data-id',data[data.length-1].id);$('#upVote').html('<i class="fa fa-thumbs-up" aria-hidden="true"></i>'+data[data.length-1].up);$('#downVote').html('<i class="fa fa-thumbs-down" aria-hidden="true"></i>'+data[data.length-1].down);}})}function getPageRecords(id){var getURL='http://abfacts.loc/get.php?id=';var catContainer=$(.ab-cat-content);catContainer.empty();if(id==='F'){var query="; }else{var query='&sort='+id; }$.ajax({url:'/source/php/content/app.php?all'+query,type:"GET",dataType:'json',success:function(data){for(var i=0;i<data.length;i++){catContainer.append('<div class="ab-p-item ab-item'+i+'"'><div class="ab-item-inner"></div></div>')$('.ab-item'+i).find('.ab-item-inner').append('<h1>'+data[i].text+'</h1>');$('.ab-item'+i).find('.ab-item-inner').append('<div class="ab-c-vote"><span class="ab-hl-s-button ab-con-button" id="downVoteC" data-pop="1" data-id="'+data[i].id+'"'><i class="fa fa-thumbs-down" aria-hidden="true"></i>'+data[i].down+'</span><span class="ab-hl-s-button" id="upVoteC" data-pop="1" data-id="'+data[i].id+'"'><i class="fa fa-thumbs-up" aria-hidden="true"></i>'+data[i].up+'</span></div>');$('.ab-item'+i).find('.ab-item-inner').append('<div class="ab-hl-info"><span class="ab-item-share"><div class="fb-share-button" data-href="'+data[i].source+'"' data-layout="button_count" data-size="small" data-mobile-iframe="true"><a class="fb-xfbml-parse-ignore" target="_blank" href="https://www.facebook.com/sharer/sharer.php?u='+getURL+data[i].id+'"'><i class="fa fa-
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facebook-official" aria-hidden="true"></i></a></div></span><span class="ab-hl-date" data-
pop="1">'+formatDate(data[i].date)+'</span><span class="ab-hl-time" data-
pop="1">'+formatTime(data[i].date)+'</span><span class="ab-source-cont"> | <a
href="'+data[i].source+'" target="blank">'+data[i].sourcen+'</a></span></div>');}}}}function
formatDate(date){ var rDate=new Date(date);var rD=rDate.getDate();var
rDF;if(rD===1){rDF=rD+'st';}else if(rD===2){rDF=rD+'nd';}else
if(rD===3){rDF=rD+'rd';}else {rDF=rD+'th';}var rM=rDate.getMonth();var rMN; var
rY=rDate.getFullYear();mArray=["January","February","March","April","May","June","July","
August","September","October","November","December"];for(var
i=0;i<=mArray.length;i++){ if(rM===i){rMN=mArray[i];}};return rMN+'
'+rDF+' '+rY;}function formatTime(date){ var
rMB=date.substring(11,16);if(rMB.charAt(0)===0){return rMB.substring(1)+"AM";}else
if(rMB.substring(0,2)>12){return (rMB.substring(0,2)-12)+rMB.substring(2)+"PM";}}var
getUrlParameter=function getUrlParameter(sParam){ var
sPageURL=decodeURIComponent(window.location.search.substring(1)),sURLVariables=sPage
URL.split('&'),sParameterName,i;for(i=0;i<sURLVariables.length;
i++){ sParameterName=sURLVariables[i].split('=');if(sParameterName[0]===sParam){ return
sParameterName[1]===undefined?true:sParameterName[1];}}};function runUStrip(source){ var
sR=source.val();if(sR.indexOf('http://www.')>-1){ var
sS=sR.substring(0,sR.indexOf('.com')).replace('http://www.','');return sS;}else
if(sR.indexOf('http://')>-1){ var
sS=sR.substring(0,sR.indexOf('.com')).replace('http://','');sR.substring(0,sR.indexOf('.com'));retu
rn sS;}else if(sR.indexOf('www.')>-1){ var
sS=sR.substring(0,sR.indexOf('.com')).replace('www.','');return sS;}}

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Submission #3



## Submissions

#1. [Amanda Glover](#)

#2. [Jeremy Zierau](#)

#3. [Georgia Bell](#)

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